







Note: Many references have associated internet addresses that were functional when this Final Environmental Impact Statement was published. Over time, these addresses may change and no longer be accessible.

- Abbott D.M., Jr. and D.C. Noe. 2005. *The Consequences of Living with Geology: A Model Field Trip for the General Public*. The Geological Society of America Website. Accessed at: http://gsamaps.gsajournals.org/gsamaps/toc on December 10.
- Adams, R.A. 2003. Bats of the Rocky Mountain West. Natural History, Ecology, and Conservation. University Press of Colorado. Boulder, Colorado.

Adams County. 1997. Adams County South Platte River Heritage Corridor Plan. Adopted

- County Board of County Commissioners.

 _____. 1999. Adams County Regional Park Master Plan. Accessed at:

 http://www.co.adams.co.us/documents/page/1999 Regional Park Master Plan.pdf
 on August 10, 2007. December 15.
- _____. 2007a. Adams County Design Requirements and Performance Standards. January 22.
- _____. 2007b. 2007 Mill Levy Rates for Adams County.
- _____. 2012. Parks, Open Space and Trails Master Plan. November 16.
- Adventure in Whitewater. 2007. Personal Communication with Employees of Adventures in Whitewater (Names Withheld), and Chad Schneckenburger and Molly Cobbs, EDAW. June 29.
- AECOM, HDR, Inc., Hydros Consulting Inc. (AECOM, HDR, and Hydros). 2013.

 Memorandum from AECOM (Casey Dick and Todd Shafer); HDR (Blaine Dwyer); and Hydros (Jean Marie Boyer and Christine Hawley) to CDPHE (J. Saunders) Regarding the Moffat Collection System EIS Revised Fraser Basin WWTF Nutrient Loads. June 27.
- Albano, C.M. 2006. Structural and Functional Responses of Aquatic Macroinvertebrate Communities to Streamflow Diversion in Rocky Mountain Streams. Masters Thesis, Colorado State University, Fort Collins, Colorado.
- All About Rivers. 2006. All About Rivers Website. Accessed at: http://www.allaboutrivers.com in 2006.
- Allan, J.D. and M.M. Castillo. 2008. *Stream Ecology: Structure and Function of Running Waters*. Springer Scientific, Dordrecht, Netherlands.
- Amaranthus, M., H. Jubas, and D. Arthur. 1989. Proceedings of the Symposium on Fire and Watershed Management Proceeding: Stream Shading, Summer Streamflow and Maximizing Water Temperature Following Intense Wildfire in Headwater Streams. United States Department of Agriculture, Forest Service General Technical Reports, PSW-109, pp. 75-79.

- AMEC Earth & Environmental (AMEC). 2008. Three Lakes Water-Quality Model Documentation. Windy Gap Firming Project. Prepared for U.S. Department of the Interior, Bureau of Reclamation, Great Plains Region. March.
- American. 2005. Personal Communication between Greg Tantum, American, and Chad Schneckenburger, EDAW. November 10.
- American Society for Testing and Materials. 2000. ASTM Standards on Environmental Site Assessments for Commercial Real Estate, E1527-00 Standard Practice for Environmental Site Assessment Process.
- American Whitewater. 2006. National River Database, information for year 2006. Accessed at: http://www.americanwhitewater.org/content/River_detail, on September 15-16, 2008.
- Anderson, J., E. Hardy, J. Roach, and R. Witmer. 1976. A Land Use and Land Cover Classification System for Use with Remote Sensor Data. U.S. Geological Survey Professional Paper 964.
- Anderson, T. 2005. Rocky Mountain Capshell Snail (*Acroloxus coloradensis*): A Technical Conservation Assessment. USDA Forest Service, Rocky Mountain Region, January 20. Available: http://www.fs.fed.us/r2/projects/scp/assessments/rockymountiancapshellsnail.pdf. Accessed January 2011.
- Andrews, E.D. and J.N. Nankervis. 1995. Discharge and the Design of Channel Maintenance Flows for Gravel-Bed Rivers, Natural and Anthropogenic Influences in Fluvial Geomorphology Geophysical Monograph 89, American Geophysical Union.
- Andrews, R. and R. Righter. 1992. Colorado Birds: A Reference to their Distribution and Habitat. Denver Museum of Natural History, Denver, Colorado.
- Apodaca, L.E. and J.B. Bails. 1999. Fraser River Watershed, Colorado Assessment of Available Water-Quantity and Water-Quality Data Through Water Year 1997, USGS WRIR 98-4255.
- Apodaca, L.E., C.M. Smith, and J.B. Bails. 2000. Ground-Water-Quality Assessment of Selected Wells in the Fraser River Watershed, Colorado. August 1998. USGS WRIR 99-4243. January.
- Arid West Water Quality Research Project (AWWQRP). 2006. *Aquatic Communities of Ephemeral Stream Ecosystems*. URS Corporation and Chadwick Ecological Consultants, Inc., Albuquerque, New Mexico, and Littleton, Colorado. Accessed at: http://www.pima.gov/wwm/wqrp/research/Ephemeral%20Streams%20Report.pdf.
- Arvada Urban Renewal Authority. 2009. Northwest Arvada Urban Renewal Plan. Arvada, Colorado.
- Auble, G.T., J.M. Friedman, and M.L. Scott. 1994. Relating Riparian Vegetation to Present and Future Streamflows. Ecological Applications, Vol. 4, No. 3. August.

- Bahn, L. 2007. An Assessment of Losses of Native Fish to Irrigation Diversions on Selected Tributaries of the Bitterroot River, Montana. M.S. Thesis. Montana State University, Bozeman, Montana. 130 pages.
- Bailey, Peggy. 2010. Personal Communications between Peggy Bailey, Tetra Tech, and Mary Stahl, AECOM. November 29, and December 1 and 13, 2010.
- Bails, J.B. 2003. Streamwater Quality at Selected Sites in the Fraser River Basin, Grand County, Colorado, Water Years 1991-2000, USGS WRIR 03-4087.
- Baird, O.E. and C.C. Krueger. 2003. Behavioral Thermoregulation of Brook and Rainbow Trout: Comparison of Summer Habitat Use in an Adirondack River, New York. *Transactions of the American Fisheries Society* 132:1194–1206.
- Baker, D.W., B.P. Bledsoe, C.M. Albano, and N.L. Poff. 2010. Downstream Effects of Diversion Dams on Sediment and Hydraulic Conditions of Rocky Mountain Streams. River Research and Applications 27:388-401.
- Baran, P., M. Delacoste, F. Dauba, J.-M. Lascaux, A. Belaud, and S. Lek. 1995. Effects of Reduced Flow on Brown Trout (*Salmo trutta* L.) Populations Downstream Dams in French Pyrenees. Regulated Rivers: Research and Management 10:347-361.
- Barbour, M.T., J. Gerritsen, B.D. Snyder, and J.B. Stribling. 1999. *Rapid Bioassessment Protocols for Use in Streams and Wadeable Rivers: Periphyton, Benthic Macroinvertebrates, and Fish.* 2nd Edition. EPA 841-B-99-002, U.S. Environmental Protection Agency, Washington, D.C. Accessed at: http://water.epa.gov/scitech/monitoring/rsl/bioassessment/.
- Barry, J.J., J.M. Buffington, and J.G. King. 2004. A General Power Equation for Predicting Bed Load Transport Rates in Gravel Bed Rivers. *Water Resources Research*, Vol. 40, W10401. October.
- Barry, J.J., J.M. Buffington, J.G. King, and P. Goodwin. 2006. Performance of Bed Load Transport Equations in Mountain Gravel-Bed Rivers: A Re-Analysis. Proceedings of the Eighth Federal Interagency Sedimentation Conference (8th FISC), April 2-6. Reno, Nevada.
- Bartholow, J.M. 1989. Stream Temperature Investigations: Field and Analytic Methods Instream Flow Information Paper No. 13. United States Department of Interior, Fish and Wildlife Service Research and Development, Biological Report 89(17). June.
- Bauch, N.J. and J.B. Bails. 2004. Water-Quality Characteristics and Ground-Water Quantity of the Fraser River Watershed, Grand County, Colorado, 1998-2001, USGS WRIR 03-4275.
- Bauer, Michael. 2006. Interview with Michael Bauer, Boulder County Parks and Open Space, by Susan Walker, Harvey Economics, on February 14, 2006, as transmitted to EDAW via memorandum on February 21.
- BBC Research and Consulting (BBC). 2008. The Economic Impacts of Hunting, Fishing and Wildlife Watching in Colorado.

- Beatty, B.L., W.F. Jennings, and R.C. Rawlinson. 2003. *Botrychium ascendens* (trainglelobe moonwort), *Botrychium crenulatum* (scalloped moonwort), *Botrychium lineare* (narrowleaf moonwort): A Technical Conservation Assessment. Prepared for the USDA, Forest Service, Rocky Mountain Region, Species Conservation Project by CDM, Denver, Colorado. 64 pages. November 12.
- Beauchamp, K.A., G.O. Kelley, R.B. Nehring, and R.P. Hedrick. 2005. The Severity of Whirling Disease Among Wild Trout Corresponds to the Differences in Genetic Composition of *Tubifex tubifex* Populations in Central Colorado. *Journal of Parasitology* 91:53-60.
- Behnke, R.J. 2002. *Trout and Salmon of North America*. The Free Press, New York, New York.
- Belica, L. 2007. Brown Trout (*Salmo trutta*): A Technical Conservation Assessment. USDA Forest Service, Rocky Mountain Region. Available at http://www.fs.fed.us/r2/projects/scp/assessments/browntrout.pdf. Accessed April 27, 2011.
- Benson, A.J. 2011. New Zealand Mudsnail Sightings Distribution. Available online: http://nas.er.usgs.gov/taxgroup/mollusks/newzealandmudsnaildistribution.aspx. Accessed May 2011.
- Bernstein, Y. and W.L. Montgomery. 2008. *Rainbow Trout (Oncorhynchus mykiss): A Technical Conservation Assessment*. USDA Forest Service, Rocky Mountain Region. Available: http://www.fs.fed.us/r2/projects/scp/assessments/rainbowtrout.pdf. April 27, 2011.
- Biedenharn, D.S., R.R. Copeland, C.R. Thorne, P.J. Soar, R.D. Hey, and C.C. Watson. 2000. *Effective Discharge Calculation: A Practical Guide*, Technical Report, U.S. Army Engineer Research and Development Center, Vicksburg, Mississippi.
- Bilby, R.E., G.H. Reeves, and C.A. Dolloff. 2003. Sources of Variability in Aquatic Ecosystems: Factors Controlling Biotic Production and Diversity. Pp. 129-146. In: R.C. Wissmar and P.A. Bisson (eds). Strategies for Restoring River Ecosystems: Sources of Variability and Uncertainty in Natural and Managed Systems. American Fisheries Society, Bethesda, Maryland.
- Blazer, V.S., T.B. Waldrop, W.B. Schill, C.L. Densmore, and D. Smith. 2003. Effects of Water Temperature and Substrate Type on Spore Production and Release in Eastern *Tubifex Tubifex* Worms Injected with *Myxobolus Cerebralis*. *Journal of Parasitology* 89:21-26.
- Bledsoe, B.P. and J. Beeby. 2012. Sedimentation Processes and Effects in the Fraser River and its Tributaries. Prepared for Trout Unlimited. June 22.
- Blue River Anglers. 2005. Personal Communication between Zeke (Last Name Withheld), Owner of Blue River Anglers, and Chad Schneckenburger, EDAW. November 1.

- Bodaly, R.A., V.L. St. Louis, M.J. Paterson, R.J.P. Fudge, B.D. Hall, D.M. Rosenberg, and J.W.M. Rudd. 1997. Bioaccumulation of Mercury in the Aquatic Food Chain in Newly Flooded Areas. In: A. Sigel and H. Sigel (eds). Metal Ions in Biological Systems. V. 34—Mercury and Its Effects on Environment and Biology: New York, Marcel Dekker, Inc., pp. 259–287.
- Bogan, M.T., K.S. Boersma, and D.A. Lytle. 2013. Flow Intermittency Alters Longitudinal Patterns of Invertebrate Diversity and Assemblage Composition in an Arid-land Stream Network. *Freshwater Biology* 58:1016-1028.
- Boulder County. 1986. Boulder County Comprehensive Plan. Boulder County Land Use Department, Boulder, Colorado. 1992. Boulder County Code Ordinance 92-28. January. 1999. Boulder County Comprehensive Plan: Goals, Policies, and Maps Element. 2nd Edition, prepared by the Boulder County Land Use Department. 2002. Natural Landmarks and Natural Areas Shapefile. Accessed on June 16, 2009. Available for download at http://www.bouldercounty.org/gis/. 2005a. Boulder County Parks and Open Space website. Accessed at: http://www.co.boulder.co.us/openspace on November 29. . 2005b. Boulder County Land Use Department website. Accessed at: http://www.co.boulder.co.us/lu/ on November 28. 2007. Boulder County Assessor's Office website. Accessed at: http://www.co.boulder.co.us/assessor/ on July 6. 2012. Boulder County Comprehensive Plan – Open Space Plan Map. May. Accessed at: http://www.bouldercounty.org/find/maps/pages/parks.aspx. October. Bovee, K.D. 1978. Probability of Use Criteria for the Family Salmonidae. Instream Flow Information Paper: No. 4. Cooperative Instream Flow Service Group. U.S. Department of the Interior, Fish and Wildlife Service, Fort Collins, Colorado. 1982. A Guide to Stream Habitat Analysis Using Instream Flow Incremental
- Bovee, K.D., T.J. Newcomb, and T.G. Coon. 1994. Relations Between Habitat Variability and Population Dynamics of Bass in the Huron River, Michigan. U.S. Department of the Interior, National Biological Survey. Biological Report 21. Washington, D.C.

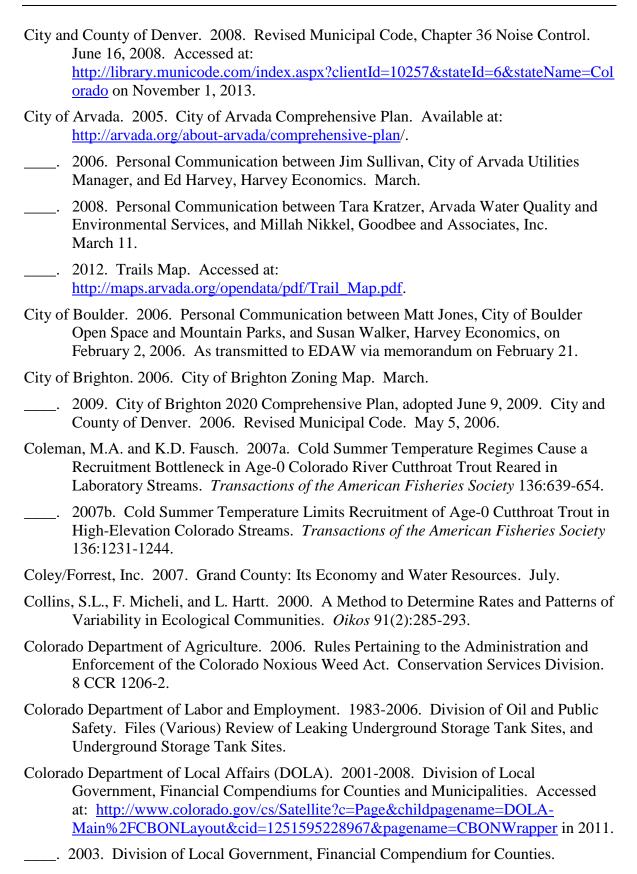
Methodology. Instream Flow Information Paper No. 12 (FWS/OBS-82/26). U.S. Department of the Interior, Fish and Wildlife Service. Fort Collins, Colorado.

- Boxwood Gulch. 2005. Personal Communication between Dan Mauritz, Owner of Boxwood Gulch Ranch, and Chad Schneckenburger, EDAW. November 8.
- Boyd, J.W., C.S. Guy, T.B. Horton, and S.A. Leathe. 2010. Effects of Catch-and-Release Angling on Salmonids at Elevated Water Temperatures. *North American Journal of Fisheries Management* 30:898-907.

- Boyer, J.M. and C. Hawley. 2013. 2011 Operational and Water Quality Summary Report for the Three Lakes. Final. Prepared by Hydros Consulting Inc. (Boulder, Colorado) for Grand County, Northern Water, and U.S. Bureau of Reclamation. June 4. Boyle Engineering Corporation (Boyle). 2000. Final Report, Colorado River Decision Support System Colorado River Basin Water Resources Planning Model. 2003a. Final Report, Pre-Design and Comparative Cost Estimate for Denver Basin Well Field. May. 2003b. Colorado River Return Reconnaissance Project. 2003c. Technical Memorandum, Verification of Denver Water PACSM Hydrology Model. Review of Summary of Phase I – Task 3, Moffat Collection System Project EIS. December. 2004. Technical Memorandum, Review of PACSM Modifications. March. 2005. Technical Memorandum, Comparison of Fraser River Flows Simulated in the WGFP CDSS Model with those Simulated in PACSM. September 19. 2006a. Technical Memorandum, Review of Modifications Made to PACSM to Reflect the Baseline Scenario and EIS Alternatives. November. 2006b. Final Memorandum, Refinement of Alternative 13a. April 14. 2006c. Final Memorandum, Gravel Pit Storage Opportunities of Revised Alternatives 8a and 14. December 8. 2006d. Technical Memorandum, Review of Lower South Platte River Extension in PACSM. May. 2008a. Technical Memorandum, Preliminary AWTP Process Review. January 29. 2008b. Technical Memorandum, Conceptual Design and Opinion of Probable Capital and Operating Costs. January 29. Boyle, Steve. 2006. North American River Otter (Lontra canadensis): A Technical Conservation Assessment. Prepared for the USDA Forest Service, Rocky Mountain Region, Species Conservation Project. BIO-Logic Environmental, Montrose, Colorado.
- Brekke, Levi D. 2011. Addressing Climate Change in Long-Term Water Resources Planning and Management: User Needs for Improving Tools and Information. Bureau of Reclamation, Technical Services Center. Prepared for the U.S. Army Corps of Engineers, Washington, D.C. January.
- Brinkmann, L. and J.B. Rasmussen. 2010. High Levels of Mercury in Biota of a New Prairie Irrigation Reservoir with a Simplified Food Web in Southern Alberta, Canada. *Hydrobiologia* 641:11-21.
- Brown, B.L. and C.M. Swan. 2010. Dendritic Network Structure Constrains Metacommunity Properties in Riverine Ecosystems. *Journal of Animal Ecology* 79:571-580.

- Brown, E. 2011. *Grand County Containment for Zebra and Quagga Mussels*. PowerPoint presentation for the Colorado Lake and Reservoir Management Association.
- Brown, T. and Terry Daniel. 1991. Landscape Aesthetics of Riparian Environments: Relationship of Flow Quantity to Scenic Quality Along a Wild and Scenic River, Water Resources Research, Vol. 278, No. 8, 1787-1795. August.
- Bunte, K. and S.R. Abt. 2001. Sampling Surface and Subsurface Particle Size
 Distributions in Wadable Gravel- and Cobble-bed Streams for Analyses in Sediment
 Transport, Hydraulics, and Streambed Monitoring. Gen. Tech. Rep. RMS-GTR-74,
 U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station,
 Fort Collins, Colorado. 428 p.
- Bureau of Economic Analysis (BEA). 2008. Local Area Personal Income and Employment. Accessed at: http://bea.gov/regional/reis/.
- Bureau of Labor Statistics (BLS). 1990-2011. Consumer Price Index Data, All Urban Consumers, West-Size Class B/C. Accessed at: http://www.bls.gov/cpi/ in 2011.
- Bureau of Land Management (BLM). 2007. Final Wild and Scenic River Eligibility Report, for Kremmling and Glenwood Springs Field Offices, Colorado.
- . 2009. Colorado State Director's Sensitive Species List. Last updated November 20.
- Bureau of Land Management (BLM), Colorado River Valley and Kremmling Field Offices. 2011. Draft Resource Management Plan Revision Environmental Impact Statement. Appendix C: Wild and Scenic Rivers Suitability Report.
- Burgess, N.M. and K.A. Hobson. 2006. Bioaccumulation of Mercury in Yellow Perch (*Perca flavescens*) and Common Loons (*Gavia immer*) in Relation to Lake Chemistry in Atlantic Canada. *Hydrobiologia* 567:275-282.
- Campbell, D.H., J.S. Baron, K.A. Tonnessen, P.D. Brooks, and P.F. Schuster. 2000. Controls on Nitrogen Flux in Alpine/Subalpine Watersheds of Colorado. Water Resources Res., Vol. 36, pp. 37-47.
- Carlisle, D.M., D.M. Wolock, and M.R. Meador. 2010. Alteration of Streamflow Magnitudes and Potential Ecological Consequences: A Multiregional Assessment. *Frontiers in Ecology and the Environment* doi: 10.1890/100053.
- Carlson, A.J. and F.J. Rahel. 2007. A Basinwide Perspective on Entrainment of Fish in Irrigation Canals. *Transactions of the American Fisheries Society* 136:1335-1343.
- Carlson, R.E. 1977. A Trophic State Index for Lakes. Limnology and Oceanography. 22:361-369.
- Carlson, R.E. and J. Simpson. 1996. A Coordinator's Guide to Volunteer Lake Monitoring Methods. North American Lake Management Society. Accessed at: http://www.secchidipin.org/tsi.htm in 2011.
- Carlton, J.T. 2008. The Zebra Mussel *Dreissena polymorpha* Found in North America in 1986 and 1987. *Journal of Great Lakes Research* 34:770-773.

- Carsey, K., G. Kittel, K. Decker, D.J. Cooper, and D. Culver. 2003. Field Guide to the Wetland and Riparian Plant Associations of Colorado. Colorado Natural Heritage Program, Fort Collins, Colorado.
- Cattanéo, F., N. Lamouroux, P. Breil, and H. Capra. 2002. The Influence of Hydrological and Biotic Processes on Brown Trout (*Salmo trutta*) Population Dynamics. *Canadian Journal of Fisheries and Aquatic Sciences* 59(1):12-22.
- Center of the American West. 1997. *Atlas of the New West*. A Project of the Center of the American West, University of Colorado. W. Riebsame, General Editor.
- Chadwick & Associates, Inc. (Chadwick and Associates). 1985. Biological Data Available for the Systemwide/Site-Specific Environmental Impact Statement. Prepared for Denver Water, Denver, Colorado.
- _____. 1986. Aquatic Baseline, Metropolitan Denver Water Supply Systemwide/Site-Specific Environmental Impact Statement. Prepared for Denver Water, Denver, Colorado.
- _____. 1988. Fish and Benthic Invertebrates of the South Platte River and Selected Tributaries in the Metropolitan Denver Area. Prepared for Denver Water, Denver, Colorado.
- _____. 1991. Use-Attainability Analysis of Ralston Creek, Little Dry Creek and Big Dry Creek, Colorado. Prepared for the City of Arvada, Colorado.
- Chadwick, J.W., L.C. Bergstedt, D.J. Conklin, and S.P. Canton. 2004. Drought and Trout Sometimes Less is More. Pp. 1-13. In: de C.E. Carvalho Freitas, M. Petrere, Jr., A.A.F. Rivas, and D. MacKinlay (eds). *Symposium Proceedings, Fish Communities and Fisheries*. VI International Congress on the Biology of Fish, Manaus, Brazil.
- Chapin, David M., Robert L. Beschta, and Hsieh Wen Shen. 2002. Relationships Between Flood Frequencies and Riparian Plant Communities in the Upper Klamath Basin, Oregon. *Journal of the American Water Resources Association*, 38(2):603-617.
- Chapra, S.C. 1997. Surface Water Quality Modeling. McGraw-Hill Series in Water Resources and Environmental Engineering.
- Chase, G.H. and J.A. McConaghy. 1972. Generalized Surficial Geologic Map of the Denver Area, Colorado. USGS Miscellaneous Geologic Investigations Map I-731. Accessed at: http://ngmdb.usgs.gov/ngmdb/ngmdb_home.html.
- Chen, C.Y. and C.L. Folt. 2005. High Plankton Densities Reduce Mercury Biomagnification. Department of Biological Sciences, Dartmouth College, Hanover, New Hampshire. From Environmental Science & Technology, Vol. 38, No. 1, pp. 115-121.
- Chisolm, I.M., W.A. Hubert, and T.A. Wesche. 1987. Winter Stream Conditions and Use of Habitat by Brook Trout in High-Elevation Wyoming Streams. *Transactions of the American Fisheries Society* 116:176-184.
- Chow, V.T. 1959. Open Channel Hydraulics. McGraw-Hill: New York, New York.



·	2010. Division of Local Government, Preliminary Population Forecasts by Region, 2000-2040. Accessed at: http://dola.colorado.gov/dlg/demog/2010censusdata.html in 2010.
Colora	ndo Department of Natural Resources (CDNR). 2010. Letter from James B. Martin, Executive Director, to Scott Franklin, Moffat EIS Project Manager, U.S. Army Corps of Engineers.
Colora	do Department of Public Health and Environment (CDPHE). 1993. Guidance on Data Requirements and Data Interpretation Methods Used in Stream Standards and Classification Proceedings. Water Quality Control Division. July.
·	2001. Antidegradation Significance Determination for New or Increased Water Quality Impacts, Procedural Guidance, Version 1.0. Accessed at: http://www.cdphe.state.co.us . December.
·	2002. Colorado Greenhouse Gas Emissions Inventory and Forecast. 1990 through 2015 (Revised 2002). Air Pollution Control Division, Planning and Policy Program.
·	2004. Guidance on Data Requirements and Data Interpretation Methods Used in Water Quality Standards and Classification Proceedings. Water Quality Control Division. August.
·	2006. Air Quality Control Commission. Report to the Public, 2006-2007. Accessed at: http://www.cdphe.state.co.us/ap/rttplinks.html on October 19.
·	2007a. Regulation No. 31. The Basic Standards and Methodologies for Surface Water (5 CCR 1002-31). Water Quality Control Commission. Accessed at: http://www.cdphe.state.co.us . Effective July 1.
·	2007b. Regulation No. 71. Dillon Reservoir Control Regulation. Water Quality Control Commission. Accessed at: http://www.cdphe.state.co.us . Effective May 30.
·	2008a. Regulation No. 33. Classifications and Numeric Standards for Upper Colorado River Basin and North Platte River (Planning Region 12). Water Quality Control Commission. Accessed at: http://www.cdphe.state.co.us . Effective March 1.
·	2008b. Regulation No. 38. Classifications and Numeric Standards South Platte River Basin, Laramie River Basin, Republican River Basin, Smoky Hill River Basin (5 CCR 1002-38). Water Quality Control Commission. Accessed at: http://www.cdphe.state.co.us . Effective March 1.
·	2008c. Regulation No. 94. Colorado's Monitoring and Evaluation List. Water Quality Control Commission. Accessed at: http://www.cdphe.state.co.us . Effective April 30.
·	2008d. Regulation No. 93. Colorado's Section 303(d) List, Water Quality-Limited Segments Requiring Total Maximum Daily Load Assessments (TMDLs). Effective April 30.



Colora	do Department of Revenue (CDOR). 2001. State Sales Tax Collected in Colorado Counties and Selected Cities and Related Statistics. January-December. Accessed
	at: http://www.colorado.gov/cs/Satellite?c=Page&cid=1213954128545&pagename=Revenue-Main%2FXRMLayout in 2011.
·	2008. State Sales Tax Collected in Colorado Counties and Selected Cities and Related Statistics. January-December. Accessed at: http://www.colorado.gov/cs/Satellite?c=Page&cid=1213954128545&pagename=Revenue-Main%2FXRMLayout in 2011.
Colora	do Department of Transportation (CDOT). 2005. CDOT Website: Traffic Information for State Highway 93. Accessed at: http://www.dot.state.co.us on December 10.
·	2006. Northwest Corridor EIS Website. Accessed at: http://www.coloradodot.info/library/studies/northwest-corridor-eis on November 1, 2013.
·	2007. Proposed Budget for Fiscal Year 2008-2009. November 14.
·	2008. Northwest Corridor Transportation and Environmental Planning Study Website. July. Accessed at: http://www.dot.state.co.us/northwestCorridorEIS/final_report.cfm .
·	2013. Noise Analysis and Abatement Guidelines. February. Colorado Directory. 2006. Colorado Directory Website. Accessed at: http://www.coloradodirectory.com .
Colora	do Division of Water Resources (CDWR). 2005. Hydrobase Data Set. Accessed at: www.dwr.state.co.us .
·	2008a. Guide to Colorado Well Permits, Water Rights and Water Administration. January. Accessed at: http://water.state.co.us/pubs/wellpermitguide.pdf .
·	2008b. Straight Line Diagram of Division 1, District 2. Accessed at: ftp://dwrftp.state.co.us/cdss/ovw/sf/District2 Straightline 20081008.pdf.
·	2009. Hydrobase Data Set. Accessed at: www.dwr.state.co.us.
Colora	do Division of Wildlife (CDOW). 1984. Unpublished Survey Records – Fish Sampling Data Sheets for a Number of Colorado Streams.
·	2003. Unpublished Survey Records.
·	2005a. Colorado Herpetofaunal Atlas, Boreal Toad Observations. Accessed at: http://ndis.nrel.colostate.edu/herpatlas/coherpatlas on November 28.
·	2005b. E-mail Transmission of Stream Survey Stocking Records from Harry Vermillion, Colorado Division of Wildlife, to Grant De Jong, Chadwick Ecological Consultants.
·	2006a. Colorado Division of Wildlife Riparian and Wetland Mapping Page. Accessed at: http://ndis1.nrel.colostate.edu/riparian/riparian.htm .

·	2006b. Razorback Sucker Species Profile. Accessed at: http://wildlife.state.co.us/WildlifeSpecies/Profiles/Fish/RazorbackSucker.htm on October 4.
·	2006c. E-mail Transmission of Stream Survey Stocking Records from Harry Vermillion, Colorado Division of Wildlife, to Grant De Jong, Chadwick Ecological Consultants. April 26.
·	2007a. <i>Whirling Disease and Colorado's Trout</i> . http://wildlife.state.co.us/Fishing/Management/WhirlingDisease.htm . Last updated June 14, 2006.
·	2007b. Personal Communication between Pete Walker, Colorado Division of Wildlife, and GEI/Chadwick Ecological Division.
·	2007c. Recommended Survey Protocol and Actions to Protect Nesting Burrowing Owls.
•	2008a. Greenback Cutthroat Trout Species Profiles. Updated June 12, 2009. Accessed at: http://wildlife.sstate.co.us/WildlifeSpecies/Profiles/Fish/GreenbackCutthroat.htm on April 22.
·	2008b. Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors. February.
	2010. Unpublished Stream Survey Records – Fish Sampling Data.
•	2011a. Herd Counts. Colorado Outdoors, January/February 2011. Pp. 34-37.
·	2011b. Colorado Herpetofaunal Atlas. Accessed at: http://ndis.nrel.colostate.edu/herpatlas/coherpatlas on February 24.
·	2011c. Threatened and Endangered List. Accessed at: http://wildlife.state.co.us.Wildlife Species/Species of Concern/ . Last updated December 21.
	do Fishing Network. 2005. Colorado Fishing Network website. Accessed at: http://www.coloradofishing.net.htm .
·	2009. Colorado Fishing Network Website. "Don't Forget the Fraser," K. Christopherson. Accessed at: http://www.coloradofishing.net/ft_fraser.htm on April 6.
Colora	do Foundation for Water Education. 2003. Citizen's Guide to Colorado Water Law.
Colora	do Geological Survey (CGS). 2003. Groundwater Atlas of Colorado, Special Publication 53. Accessed at: http://geosurvey.state.co.us/wateratlas/index.htm on November 28, 2005.
Colora	do Natural Heritage Program (CNHP). 1999. Conservation and Management Plan for Preble's Meadow Jumping Mouse on the U.S. Air Force Academy. October 26.
·	2005a. Species Database Information. Colorado State University, Fort Collins, Colorado. April.

2005b. Species Database Search for Moffat EIS Project Area. Conducted in September. Fort Collins, Colorado.
2005c. Fraser Valley Parkway Boreal Toad Habitat Inventory: A Report to the Grand County Planning Commission. Prepared by Chris Gaughan and Lee Grunau August 23.
2005d. Statewide List of Tracked Species and Communities. Accessed at: http://www.cnhp.colostate.edu/list.html on October 15.
2006a. Survey of Critical Biological Resources: Grand County, Colorado. Colorado State University, Fort Collins, Colorado. May.
2006b. Potential Conservation Area (PCA) Report: Boulder Foothills PCA. Fort Collins, Colorado.
2009. Survey of Critical Biological Resources in Boulder County, Colorado, 2007-2008. Colorado State University, Fort Collins, Colorado. Prepared for Boulder County Parks and Open Space, Longmont, Colorado. February 16. Available at: http://www.cnhp.colostate.edu/download/reports.aspx .
2013. CNHP Conservation Status Handbook (Tracking Lists). Last updated September 2013. http://www.cnhp.colostate.edu/download/list.asp . Accessed December 12, 2013.
Colorado River Outfitters Association (CROA). 2004. Executive Summary: Commercial River Use in Colorado, 2004 Year End Report.
2011. Executive Summary, Commercial River Use in the State of Colorado, 2010 Year End Report.
Colorado State Forest Service. 2005. Article 407: Forest Management Plan for Denver Water – Gross Reservoir Property. Boulder District. February.
2009. A Northern Front Range Landowner Guide to Living with Bark Beetles. Mountain Pine Beetle website. Available at http://csfs.colostate.edu/pages/mountain-pine-beetle.htm .
2010. Colorado Statewide Forest Assessment. A Foundation for a Strategic Discussion and Implementation of Forest Management in Colorado.
2011a. 2010 Report on the Health of Colorado's Forests. Available at: http://csfs.colostate.edu/pages/pub-csfs2.html .
2011b. 2010 Mountain Pine Beetle Activity (map). Mountain Pine Beetle website http://csfs.colostate.edu/pages/mountain-pine-beetle.html .
Colorado State University (CSU). 2010. IMPROVE and RHR Summary Data. Accessed at: http://vista.cira.colostate.edu/improve/Data/IMPROVE/summary_data.htm . October 7.
Colorado Water Conservation Board (CWCB). 2004. Colorado Water Supply Conditions Update (SWSI). December.
2012. Colorado River Water Availability Study.

- Compeau, G. and R. Bartha. 1984. Methylation and Demethylation of Mercury Under Controlled Redox, pH, and Salinity Conditions. Applied and Environmental Microbiology, Vol. 48, No. 6, pp. 1203-1207. December.
- Computational and Information Systems Laboratory (CISL). 2010. Research Data Archive. Accessed at: http://dss.ucar.edu/.
- Confluence Kayaks. 2007. Personal Communication between John Kahn, Confluence Kayaks, and Chad Schneckenburger, EDAW. May 17.
- Corbitt, R.A. 1990. Standard Handbook of Environmental Engineering, McGraw-Hill.
- Council of Environmental Quality (CEQ). 1981. Guidance Regarding NEPA Regulations, Forty Most Asked Questions Concerning NEPA.
- _____. 2005. Executive Office of the President, Council on Environmental Quality. Memorandum from James L. Connaughton (Chairman), Re: Guidance on the Consideration of Past Actions in Cumulative Effects Analysis. Washington, D.C. June 24.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. La Roe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. U.S. Department of the Interior, Fish and Wildlife Service, USFWS/OBS-79/31.
- CRCT Coordination Team. 2006. Conservation Strategy for Colorado River Cutthroat Trout (Oncorhynchus clarkii pleuriticus) in the States of Colorado, Utah, and Wyoming. Colorado Division of Wildlife, Fort Collins, Colorado. 24 pp.
- Crosby, M. 2005. Personal Communication between Mike Crosby, District Wildlife Officer for the Colorado Division of Wildlife, and Chad Schneckenburger, EDAW. December 5.
- Cross, F.B., and R.E. Moss. 1987. Historic Changes in Fish Communities and Aquatic Habitats in Plains Streams of Kansas. Pp. 155-165. In: Community and Evolutionary Ecology of North American Stream Fishes. W.J. Matthews and D.C. Heins (eds). University of Oklahoma Press, Norman, Oklahoma. 310 pp.
- Culver, D.R. and J. Sanderson. 1997. A Natural Heritage Assessment of Wetlands and Riparian Areas in Summit County, Colorado. Colorado Natural Heritage Program. Fort Collins, Colorado. December.
- Cutthroat Anglers. 2005. Personal Communication between Barry Kirkpatrick, Cutthroat Anglers, and Chad Schneckenburger, EDAW. September 1.
- _____. 2010. River and Lake Information. Accessed at: http://www.fishcolorado.com/river-info/blue.html. November 4, 2011.
- Dean Runyan Associates. 2006. The Economic Impact of Travel on Colorado: 1996-2005. Prepared for the Colorado Tourism Office.
- De Jong, G.D. and S.P. Canton. 2013. Presence of Long-lived Taxa and Hydrologic Permanence. *Journal of Freshwater Ecology* 28:277-282.

Denve	r Board of Water Commissioners (Denver Water). 1995a. Operating Information for Continental – Hoosier Project. April.
·	1995b. Operating Information for Antero Reservoir. April.
·	1995c. Operating Information for the City of Aurora's Water Supply System. April.
•	1995d. Operating Information for Eleven Mile Canyon Reservoir. April.
•	1995e. Operating Information for Cheesman Reservoir. April.
·	1995f. Operating Information for Strontia Springs Reservoir and Foothills Treatment Plant. April.
•	1995g. Operating Information for Public Service Company. April.
•	1997. Integrated Resources Plan.
·	1998a. Gross Reservoir Hydroelectric Project, FERC No. 2035-006. Resource Report: Water Resources. April 30.
·	1998b. Gross Reservoir Hydroelectric Project, FERC No. 2035-006. Volume II, Draft Environmental Assessment. April 30.
·	1998c. Gross Reservoir Hydroelectric Project, FERC No. 2035-006. Volume IV, Resource Report (Class III Cultural Resource Inventory).
·	2000a. Gross Reservoir Hydroelectric Project, FERC No. 2035-006. Final Environmental Assessment for Hydropower License. July 5.
·	2000b. Leyden Gulch Reservoir McKay Lease.
·	2001. Gross Reservoir Hydroelectric Power Project License, FERC No. 2035-006. March 16.
·	2002a. Water For Tomorrow – The History, Results, Projections and Update of the Integrated Resources Plan and Water Resources Appendix. February.
·	2002b. Gross Reservoir Hydroelectric Project, FERC No. 2035-006. Articles 401 and 405: Gross Reservoir Erosion Control and Rehabilitation and Restoration Plan.
·	2003a. Moffat Collection System Project Information Document. September.
·	2003b. Operating Information Englewood-Ranch Creek System. September.
·	2003c. Operating Information for Williams Fork Collection System. September.
·	2003d. Operating Information for Green Mountain Reservoir. September.
·	2003e. Operating Information for Dillon Reservoir and Roberts Tunnel. September.
·	2003f. Operating Information for Wolford Mountain Reservoir. September.
·	2003g. Habitat Conservation Plan for the Preble's Meadow Jumping Mouse. April 16.

·	2003h. Operating Information Denver Water's Moffat Collection System. September.
·	2003i. Comprehensive Annual Financial Report for the Year Ended December 31, 2003.
·	2003j. Article 414: Gross Reservoir Visual Resources Protection Plan. Gross Reservoir Hydroelectric License, Project No. 2035-006. May 22.
·	2004a. Purpose and Need Statement for the Moffat Collection System Project. April.
	. 2004b. Gross Reservoir Hydroelectric Power Project, FERC Project No. 2035-006. Article 416: Gross Reservoir Recreation Management Plan.
·	2004c. Denver Water Website. Accessed through City and County of Denver website at: www.water.denver.co.gov . Regarding daily reservoir level information
•	2004d. Drought Response Plan. May.
·	2004e. Williams Fork Reservoir Hydroelectric Project FERC No. 2004, Volume II: Preliminary Draft Environmental Assessment, Prepared by Steigers Corp. December.
·	2005a. Gross Reservoir Vehicle Counts and Visitation Use Figures for 2004-2005. Compiled by Denver Water Recreation Section. November.
·	2005b. Personal Communication between Margaret Medellin, Denver Water, and EDAW. November 29.
•	2006a. 10-Year Conservation Plan. March 17.
·	2006b. Moffat Collection System Project, Estimated On-Site Equipment Table. Prepared by MWH for Denver Water. September 29.
·	2006c. Moffat Collection System Project, Socioeconomic Study Information. Prepared by MWH for Denver Water. August 17.
·	2006d. Water Quality Data for Gross Reservoir, Williams Fork Reservoir, and Dillon Reservoir. Transmitted from Denver Water to URS Corporation. June 19.
·	2006e. Personal Communication with Kevin Urie, Denver Water, and Ed Harvey, Harvey Economics, Regarding Socioeconomic Data. October 16.
·	2006f. Personal Communication between Margaret Medellin and Kevin Urie, Denver Water, Ed Harvey, Harvey Economics.
·	2007a. Vasquez Creek Water Quality Data. Transmitted from Denver Water to URS Corporation. November 23.
·	2007b. Water Quality Data for the North Fork of the South Platte River. Transmitted from Denver Water to URS Corporation. October 10.
·	2007c. Water Quality Data for South Boulder Creek above and below the Moffat Tunnel. Transmitted from Denver Water to URS Corporation. June 15.

·	2007d. Water Quality Data for the Williams Fork Basin. Transmitted from Denver Water to URS Corporation. October 10.
	2007e. Denver Water, Moffat Collection System Project Construction Schedules, 2007.
	2007f. Grand County M&I – Average Demands and Shortages, Obtained from Steve Schmitzer, Denver Water. May.
·	2007g. Water Quality Data for the South Platte River. Transmitted from Denver Water to URS Corporation. December 20.
	2008a. Gross Reservoir Recreation Relocation Plan. Prepared by Shapins. October.
	2008b. Denver Water Website, Information on Dillon Reservoir. Accessed at: http://www.denverwater.org/recreation/dillon.html , on September 9.
	2008c. Personal Communication between Mary Price, Denver Water, and Ed Harvey, Harvey Economics, Regarding Drought Information. July.
	2009a. Water Quality Data for Gross Reservoir. Transmitted from Denver Water to Boyle Engineering. March 17.
	2009b. Historic Flow Data for Gumlick Tunnel and Roberts Tunnel. Transmitted from Denver Water to Boyle Engineering and Ecological Resource Consultants. February 11 and March 12.
	2011. <i>Solutions: Saving Water for the Future</i> . Information and Contents Regarding Conservation and Water Management Techniques. A Denver Water publication.
	2012. Memorandum to Ed Harvey, Principal, Harvey Economics, and Greg Fisher, Manager of Demand Planning, Denver Water, from Mary Price, Demand Planning, Denver Water, Regarding Summary of 2002 Demand Model Update. April 2.
·	No Date (n.d.a). Denver Water Resources, Features of the Denver Water System.
	No Date (n.d.b). Gross Reservoir Hydroelectric Power Project, FERC No. 2035-006. Article 406: Gross Reservoir Weed Management Plan.
	No Date (n.d.c). Gross Reservoir Hydroelectric Power Project, FERC No. 2035-006. Article 410: Gross Reservoir Plan to Protect Rare & Sensitive Plant Species.
	Department of Environmental Health (DDEH). 2006. Environmental Quality Division. 2006 Water Quality Assessment Report. City and County of Denver Rivers and Streams.
Denver	Regional Council of Governments (DRCOG). 2005. <i>Metro Vision 2030 Plan</i> . Accessed at: http://www.drcog.org/index.cfm?page=MetroVision2020 . January 19.
·	2011. 2035 Metro Vision Regional Transportation Plan. February 16.
Devil's	Thumb Ranch. 2005. Personal Communication between Jason Cross, Devil's Thumb Ranch, and Chad Schneckenburger, EDAW. August 31.

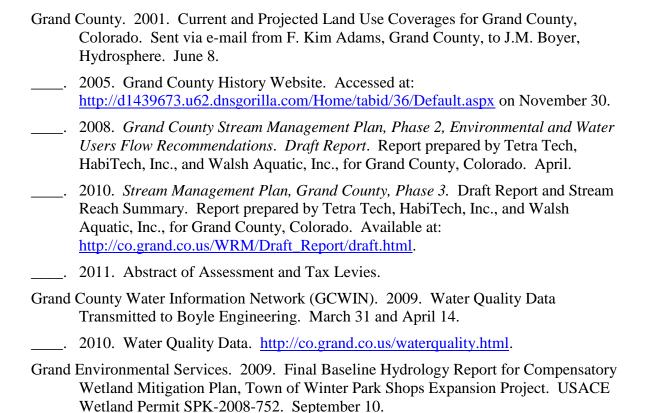
- DeWalt, R.E. and K.W. Stewart. 1995. Life Histories of Stoneflies (*Plecoptera*) in the Rio Conejos of Southern Colorado. *Great Basin Naturalist* 55:1-18.
- Dewson, E.S., A.B.W. James, and R.G. Death. 2007. A Review of the Consequences of Decreased Flow for Instream Habitat and Macroinvertebrates. *Journal of the North American Benthological Society* 26:401-415.
- Diaz, H.F. 2005. Regional Changes Global Connections: Monitoring Climate Variability and Change in the Western United States. In: U. Huber, M. Reasoner, and H. Bugmann (eds). Global Change and Mountain Regions, A State of Knowledge Overview.
- Diaz, Henry F. 2007. Regional Changes Global Connections Monitoring Climate Variability and Change in the Western United States. Climate Diagnostics Center, NOAA/OAR, Boulder, Colorado.
- Dodds, W.K. 2002. Freshwater Ecology: Concepts and Environmental Applications. Academic Press, San Diego, California.
- Dodds, W.K., K. Gido, M.R. Whiles, K.M. Fritz, and W.J. Matthews. 2004. Life on the Edge: The Ecology of Great Plains Prairie Streams. Bioscience 54(3):205-216.
- Dougherty, S., C.A. Berry, and M.A. Deimel. 1987. Hydrology and Vegetation in Montane and Subalpine Wetlands of Colorado. Paper presented at Eighth Annual Meeting of the Society of Wetland Scientists, May 26-29.
- Downhower, J.F. and L. Brown. 1979. Seasonal Changes in the Social Structure of a Mottled Sculpin (*Cottus bairdi*) Population. *Animal Behaviour* 27:451-458.
- Downhower, J.F., L. Brown, R. Pederson, and G. Staples. 1983. Sexual Selection and Sexual Dimorphism in Mottled Sculpins. *Evolution* 37:96-103.
- Drake, J.D. and B.D. Griffen. 2010. Early Warning Signals of Extinction in Deteriorating Environments. *Nature* 467:456–459.
- Ecological Resource Consultants, Inc. (ERC). 2006. Moffat Collection System Project. Existing Channel Conditions Report. January 17.
- EDAW. 2001. Kemp and Breeze State Wildlife Area Master Management Plan. March.
- _____. 2002. Tapoco Aesthetics Study 2, Cheoah River Aesthetic Flow Assessment. Federal Energy Regulatory Commission Study.
- EG&G Rocky Flats, Inc. (EG&G). 1993. Background Geochemical Characterization Report-Rocky Flats Plant, Golden, Colorado. September 30.
- Eldorado. 2005. Eldorado Canyon State Park Visitation Data: 1999-2005. Provided by Joe Brand, Park Manager. October 18.
- Elliot, J.M. 1975a. The Growth Rate of Brown Trout (*Salmo trutta* L.) Fed on Maximum Rations. *Journal of Animal Ecology* 44(3):805-821.
- _____. 1975b. The Growth Rate of Brown Trout (*Salmo trutta* L.) Fed on Reduced Rations. *Journal of Animal Ecology* 44(3):823-842.

Engelhardt, Blake M., Peter J Weisberg, and Jeanne C. Chambers. 2011. Influences of Watershed Geomorphology on Extent and Composition of Riparian Vegetation. Journal of Vegetation Science. Accessed at: http://www.fs.fed.us/rm/pubs_other/rmrs_2011_engelhardt_b001.pdf. Ensight Technical Services (Ensight). 1997. Presence or Absence Survey for the Preble's Meadow Jumping Mouse at Leyden Gulch, Jefferson County, Colorado. Prepared for Denver Water. 2005a. Presence or Absence Survey for the Preble's Meadow Jumping Mouse at Leyden Gulch, Jefferson County, Colorado. September 9. 2005b. Habitat Evaluation of Potential Preble's Meadow Jumping Mouse Habitat at Gross Reservoir, Boulder County, Colorado. September 22. Environment Colorado Research and Policy Center. 2006. Losing Ground, Colorado's Vanishing Agricultural Landscape. March. Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1. U.S. Army Corps of Engineers. Waterway Experiment Station. Vicksburg, Mississippi. Erickson, R.C. 1983. Benthic Field Studies for the Windy Gap Study Reach, Colorado River. Prepared for the Northern Colorado Water Conservancy District. ERO Resources Corporation (ERO). 2007. Windy Gap Firming Project. Draft Water Resources Technical Report. Prepared for the U.S. Department of the Interior, Bureau of Reclamation, Great Plains Region. 2008. Northern Integrated Supply Project Environmental Impact Statement Reasonably Foreseeable Activities and Cumulative Effects Technical Report. Prepared for the U.S. Army Corps of Engineers, Omaha District. ERO Resources Corporation and Shapins Associates (ERO and Shapins). 2004. Rocky Flats National Wildlife Refuge Final Comprehensive Conservation Plan and Environmental Impact Statement. September. Escobedo, F. 2005. Personal Communications between Francisco Escobedo, Forest Soil Scientist, Arapaho and Roosevelt National Forests and Pawnee National Grassland, and Andrea Parker, URS Corporation. September and November. Essig, D.A. 1998. The Dilemma of Applying Uniform Temperature Criteria in a Diverse Environment: An Issue Analysis. Water Quality Assessment and Standards Bureau, Idaho Division of Environmental Quality. Ewert, J. 2010. Colorado River near Parshall – Fish Survey and Management Information. Colorado Division of Wildlife. Available: http://wildlife.state.co.us/Fishing/Reports/FisherySurveySummaries/. January. 2011a. Personal Communication between John Ewert, Colorado Division of Wildlife (CDOW), and Jeff Dawson, URS Corporation. April. 2011b. Personal Communication between John Ewert, Colorado Division of

Wildlife (CDOW), and Jeff Dawson, URS Corporation. August.

- Fagan, W.F. 2002. Connectivity, Fragmentation, and Extinction Risk in Dendritic Metapopulations. *Ecology* 83:3243-3249.
- Fausch, K.D. and K.R. Bestgen. 1997. Ecology of Fishes Indigenous to the Central and Southwestern Great Plains. Pp. 131-166. In: F.L. Knopf and F.B. Sampson (eds). Ecology and Conservation of Great Plains Vertebrates. Springer-Verlag, New York.
- Fausch, K.D. and M.K. Young. 1995. Evolutionarily Significant Units and Movement of Resident Stream Fishes: A Cautionary Tale. *American Fisheries Society Symposium* 17:360-370.
- Fausch, K.D., B.E. Rieman, J.B. Dunham, M.K. Young, and D.P. Peterson. 2009. The Invasion Versus Isolation Dilemma: Tradeoffs in Managing Native Salmonids with Barriers to Upstream Movement. *Conservation Biology* DOI: 10.1111/j.1523.1739.2008.01159x.
- Federal Emergency Management Agency (FEMA). 2009. Definitions of FEMA Flood Zone Designations. Accessed at: http://msc.fema.gov. August 6.
- Federal Energy Regulatory Commission, Office of Energy Projects, and USDA Forest Service, Arapaho National Forest (FERC and USDA). 1999. Final Environmental Assessment for Hydropower License. Gross Reservoir Hydroelectric Project, FERC No. 2035-006. Colorado.
- Federal Highway Administration and Colorado Department of Transportation (FHWA and CDOT). 2003. 120th Avenue Extension, Quebec Street to US Highway 85. Environmental Assessment and Section 4(f) Evaluation. Prepared by URS Corporation. May.
- Federal Highway Administration and Federal Transit Administration (FHWA and FTA). 2009. U.S. Highway 36 Final Environmental Impact Statement/Final Section 4-13 Noise. October. Accessed at: http://www.coloradodot.info/projects/us36eis/documents/us-36-final-eis-volume-i/section-4-13 noise.pdf/view. November 1, 2013.
- Fertig, W., R. Black, and P. Wolken. 2005. Rangewide Status Review of Ute Ladies'-Tresses Orchid (*Spiranthes diluvialis*). Prepared for the U.S. Fish and Wildlife Service and Central Utah Water Conservancy District. September 30.
- Ficke, A.D., P.G. Guenther-Gloss, and K. Sexton. 2003. Status and Trend of Native Cutthroat Trout Populations on the Arapaho-Roosevelt National Forest. U.S. Forest Service, Fort Collins, Colorado.
- Ficke, A.D., D.P. Peterson, and W.A. Janowsky. 2009. *Brook Trout (Salvelinus fontinalis): A Technical Conservation Assessment*. USDA Forest Service, Rocky Mountain Region. Available: http://www.fs.fed.us/r2/projects/scp/assessments/brooktrout.pdf.
- Fisher, S.G., L.G. Gray, N.B. Grimm, and D.E. Busch. 1982. Temporal Succession in a Desert Stream Ecosystem Following Flash Flooding. *Ecological Monographs* 52:93-110.

- Fishin' Hole Sporting Goods. 2005. Personal Communication between Dan Murphy, Fishin' Hole Sporting Goods, and Chad Schneckenburger, EDAW. August 30.
- Fitzgerald, J.P., C.A. Meaney, and D.M. Armstrong. 1994. Mammals of Colorado. University Press of Colorado, Niwot, Colorado.
- Forseth, T., S. Larsson, A.J. Jensen, B. Johnnon, I. Näslund, and I. Berglund. 2009. Thermal Growth Performance of Juvenile Brown Trout *Salmo trutta*: No Support for Thermal Adaptation Hypotheses. *Journal of Fish Biology* 74(1):133-149.
- Freeman, M.C., C.M. Pringle, and C.R. Jackson. 2007. Hydrologic Connectivity and the Contribution of Stream Headwaters to Ecological Integrity at Regional Scales. *Journal of the American Water Resources Association* 43:5-14.
- Freeport-McMoRan Copper & Gold, Inc. 2010. *Climax Molybdenum*. Accessed at: www.climaxmolybdenum.com.
- Freeze, A.R. and J.A. Cherry. 1979. Groundwater. Prentice Hall, 1st Edition, p. 604.
- Gable, D.J. 1972. Geologic Map of the Tungsten Quadrangle, Boulder, Gilpin, and Jefferson Counties, Colorado. USGS Geologic Map GQ-978.
- Garfin, G. and M. Lenart. 2007. Climate Change Effects on Southwest Water Resources. *Southwest Hydrology*. Vol. 6, No. 1, p. 16. January/February.
- GEI Consultants, Inc. (GEI). 2013. Aquatic Resources Technical Report for the Moffat Collection System Project Final Environmental Impact Statement.
- Ghalambor, Cameron K. and Robert C. Dobbs. 2006. Pygmy nuthatch (*Sitta pygmaea*): A Technical Conservation Assessment. Prepared for the USDA Forest Service, Rocky Mountain Region, Species Conservation Project. Available at http://www.fs.fed.us/r2/projects/scp/assessments/pygmynuthatch.pdf. August 10.
- Gibbens, J. 2006 (revised). Northern Integrated Supply Project Technical Memorandum No. 6C: South Platte River Hydrology. Prepared October 31, 2003; revised March 9, 2006.
- Gilbert, M.A., and W.O.J. Granath. 2003. Whirling Disease of Salmonid Fish: Life Cycle, Biology, and Disease. *Journal of Parasitology* 89:658-667.
- Gillis, C.A. and M. Chalifour. 2009. Changes in the Macrobenthic Community Structure Following the Introduction of the Invasive Algae *Didymosphenia geminate* in the Matapedia River (Québec, Canada). *Hydrobiologia* 647(1):63-70.
- Gladwin, D.N., D. Asherin, and K. Manci. 1988. Effects of Aircraft Noise and Sonic Booms on Fish and Wildlife. U.S. Department of the Interior, Fish and Wildlife Service. NERC-88-30. June.
- Goodchild, S. and S. Gerstenberger. 2011. Mercury Concentrations in Largemouth Bass (*Micropterus salmoides*) Collected from Ash Meadows National Wildlife Refuge, Nye County, Nevada. *Archives of Environmental Contamination and Toxicology* 60:496-500.



- Griffin, C.R., T.S. Baskett, and R.D. Sparrowe. 1982. Ecology of Bald Eagles Wintering Near a Waterfowl Concentration. U.S. Fish and Wildlife Service Special Sci. Rept. Wildl. No. 247. 12 pages.
- Groffman, P.M., J.S. Baron, T. Blett, A.J. Gold, I. Goodman, L.H. Gunderson, B.M. Levinson, M.A. Palmer, H.W. Paerl, G.D. Peterson, N.L. Poff, D.W. Rejeski, J.F. Reynolds, M.G. Turner, K.C. Weathers, and J. Wiens. 2006. Ecological Thresholds: The Key to Successful Environmental Management or an Important Concept with No Practical Application? *Ecosystems* 9:1-13.
- Grossman G.D., R.E. Ratajczak, M.K. Crawford, and M.C. Freeman. 1998. Assemblage Organization in Stream Fishes: Effects of Environmental Variation and Interspecific Interactions. *Ecological Monographs* 68:395–420.
- Hall, J.D. and N.J. Knight. 1981. Natural Variation in Abundance of Salmonid Population Densities in Streams and its Implication for Design of Impact Studies, A Review.
 U.S. Environmental Protection Agency. EPA 600/3-81-021. National Technical Information Service, Springfield, Virginia.
- Hallett, S.L. and J.L. Bartholomew. 2008. Effects of Water Flow on the Infection Dynamics of *Myxobolus cerebralis*. *Parasitology* 135:371-384.
- Hammerson, G.A. 1999. Amphibians and Reptiles in Colorado. A Colorado Field Guide. University Press of Colorado, Niwot, Colorado.
- Hanophy, W. 2006. Pocket Guide to Native Fish of Colorado's Eastern Plains. Colorado Division of Wildlife.

- Harig, A.H., K.D. Fausch, and M.K. Young. 2000. Factors Influencing Success of Greenback Cutthroat Trout Translocations. *North American Journal of Fisheries Management* 20:994-1004.
- Harig, A.L. and K.D. Fausch. 2002. Minimum Habitat Requirements of Establishing Translocated Cutthroat Trout Populations. *Ecological Applications* 12:535-551.
- Haro, R.J. and M.A. Brusven. 1994. Effects of Cobble Embeddedness on the Microdistribution of the Sculpin *Cottus beldingi* and its Stonefly Prey. *Great Basin Naturalist* 54:64-70.
- Harvey Economics. 2004a. Technical Memorandum, Review of Denver Water's IRP for the Moffat Collection System Project EIS. January.
- _____. 2004b. Technical Memorandum, Supplemental Evaluation of Denver Water Demand Projections for the Moffat Collection System Project EIS. August.
- _____. 2007. Technical Memorandum, Adjustments to Cost, Employment and Wage Data for the Moffat Collection System Project EIS. February.
- _____. 2008. Adjustments to Cost, Employment and Wage Data for the Moffat Collection System Project EIS. February.
- _____. 2012. Memorandum Regarding Update of Denver Water Demand Projections. April 2.
- Hawkins, J. 2000. Appalachian Region Technology Transfer, Blasting Download Page. Accessed at: http://www.arblast.osmre.gov on October 29, 2010.
- Hawley, C., J.M. Boyer, and T. Adams. 2013. *Gross Reservoir Temperature Model: Model Development, Calibration, and Application for the Moffat Collection System EIS*. Prepared by Hydros Consulting Inc. for the U.S. Army Corps of Engineers. September.
- HDR, Inc. (HDR). 2012. Final Borrow Haul Study Alternatives Analysis, Gross Reservoir Dam. December 14.
- Hecky, R.E., D.J. Ramsey, R.A. Bodaly, and N.E. Strange. 1991. Increased
 Methylmercury Contamination in Fish in Newly Formed Freshwater Reservoirs.
 Pp. 33-52. In: T. Suzuki, N. Imura, and T.W. Clarkson (eds). *Advances in Mercury Toxicology*. Plenum, New York, New York.
- Heidel, B. 1998. Conservation Status of *Spiranthes diluvialis Sheviak* in Montana. Montana Natural Heritage Program. Ute Ladies'-Tresses Orchid (*Spiranthes diluvialis*) Recovery Plan is in preparation by the U.S. Fish and Wildlife Service.
- Helie, J.F., D.L. Peters, K.R. Tattrie, and J.J. Gibson. 2005. Review and Synthesis of Potential Hydrologic Impacts of Mountain Pine Beetle and Related Harvesting Activities in British Columbia. Mountain Pine Beetle Initiative Working Paper 2005-23. Natural Resources Canada, Canadian Forest Service.
- Hilborn, R., T.P. Quinn, D.E. Schindler, and D.E. Rogers. 2003. Biocomplexity and Fisheries Sustainability. *Proceedings of the National Academy of Science* 100(11):6564-6568.

- Hillegas, R. 2010. Personal Communications between Robert Hillegas, Colorado Department of Public Health and Environment, and Mary Stahl, AECOM. November 4, 14, and 15, 2010.
- _____. 2011. Personal Communications between Robert Hillegas, Colorado Department of Public Health and Environment, and Mary Stahl, AECOM. February 15 and 16, 2011.
- Hiner, M. and C. Moffitt. 2001. Variation in Infections of *Myxobolus cerebralis* in Field-Exposed Cutthroat and Rainbow Trout in Idaho. *Journal of Aquatic Animal Health* 13:124-132.
- Hirsch, C.L., S.E. Albeke, and T.P. Nesler. 2006. Range-Wide Status of Colorado River Cutthroat Trout (*Oncohynchus clarkia pleuriticus*): 2005. Colorado River Cutthroat Trout Conservation Team Report. March.
- Hoerling, M. and J. Eischeid. 2007. Past Peak Water in the Southwest. *Southwest Hydrology*. Vol. 6, No. 1. January/February.
- Horstman, Gregory P. 2004. Fraser River Enhancement Project, Wildlife Analysis. Threatened, Endangered and Sensitive Species Survey, Boreal Toad Recovery, Fisheries Survey. December.
- Hoyer, S. 2011. Can Copper-Based Substrate Be Used to Protect Hatcheries from Invasion by the New Zealand Mudsnail? M.S. Thesis. Colorado State University. Fort Collins, Colorado.
- Hranac, J. 2013. Personal Communications and Data Transfer between John Hranac, Colorado Department of Public Health and Environment Water Quality Control Division, and Casey Dick, AECOM. October 23.
- Hrenchuk, L.E., P.J. Blanchfield, M.J. Paterson, and H.H. Hintelmann. 1999. Dietary and Waterborne Mercury Accumulation by Yellow Perch: A Field Experiment. *Environmental Science and Technology* 46:509-516.
- Huwer, K. 2005. Personal Communication between K. Huwer, Colorado Division of Wildlife, and Kim Sandoval, URS Corporation.
- Hydrosphere Resource Consultants, Inc. (Hydrosphere). 1989. Summit County Small Reservoir Feasibility Study. September.
- _____. 2003. Upper Colorado River Basin Study, Phase II, Final Report (UPCO). www.nwc.cog.co.us/docs/qq/upco%20final%20report.pdf. May 29.
- Illinois State Geological Survey. 2007. Accessed at: http://www.isgs.vivc.edu/sections/hydro/hydrocycle.shtml on March 31.
- Ineno, T., S. Tsuchida, M. Kanda, and S. Watabe. 2005. Thermal Tolerance of a Rainbow Trout *Oncorhynchus mykiss* Strain Selected by High-Temperature Breeding. *Fisheries Science* 71(4):767-775.
- International Panel on Climate Change (IPCC). 2008. Technical Paper on Climate Change and Water. April.

- Jackson, Tina. 2008. Report on the Status and Conservation of the Boreal Toad (*Bufo boreas boreas*) in the Southern Rocky Mountains. 2006-2007. Colorado Division of Wildlife, Denver. Available at http://wildlife.state.co.us/Research/Aquatic/BorealToad/Pages/BorealToad.aspx.
- Jacobus, L.M., and W.P. McCafferty. 2003. Revisionary Contributions to North American *Ephemerella* and *Serratella* (Ephemeroptera: Ephemerellidae). *Journal of the New York Entomological Society* 111:174-193.
- Jakob, C., C.T. Robinson, and U. Uehlinger. 2003. Longitudinal Effects of Experimental Floods on Stream Benthos Downstream from a Large Dam. *Aquatic Sciences* 65(3):223-231.
- Jefferson County. 2003a. Jefferson County Open Space Master Plan. Adopted July 29, 2003 by the Jefferson County Board of County Commissioners. 2003b. Jefferson County Urban Renewal Plan, City of Arvada, Colorado. August 4. 2006. Jefferson County Land Development Regulations. Accessed at: http://jeffco.us/planning/planning T59 R38.htm. November 1. 2007. Jefferson County Open Space website. Accessed at: http://co.jefferson.co.us/openspace on July 19. 2008. Jefferson County Open Space. Master Plan Update, Balancing Recreation and Resources. 2011. The North Plains Community Plan. Jefferson County Planning Department. Accessed at: http://jeffco.us/planning-and-zoning/community-and-land-useplans/north-plains-area-plan/ on November 1, 2013. 2012. Jefferson County Comprehensive Master Plan. Jefferson County, Colorado, Planning and Zoning Division. Jefferson County Planning Commission and Jefferson County Board of County Commissioners. December 12.
- Jessup, B. 2010. Recalibration of the Macroinvertebrate Multi-Metric Index for Colorado. Report prepared for Colorado Department of Public Health and Environment, Denver, Colorado. Accessed at:

 <a href="http://www.colorado.gov/cs/Satellite?blobcol=urldata&blobheadername1=Content-Disposition&blobheadername2=Content-Type&blobheadervalue1=inline%3B+filename%3D%22Policy+10-1+Appendix+A.pdf%22&blobheadervalue2=application%2Fpdf&blobkey=id&blobtable=MungoBlobs&blobwhere=1251806965694&ssbinary=true.
- Johnson, Aran S. and Stanley H. Henderson. 2003. Wilson's Warbler (*Wilsonia pusilla pileolata*): A Technical Conservation Assessment. USDA Forest Service, Rocky Mountain Region. Available at http://www.fs.fed.us/r2/projects/scp/assessments/wilsonswarbler.pdf.

- Johnson, B., M. Beardsley, and J. Doran. 2011. Colorado Department of Transportation's Functional Assessment of Colorado Wetlands (FACWet) Method. User Manual Version 2.0. Colorado State University, Fort Collins, Colorado. Accessed at: http://rydberg.biology.colostate.edu/FACWet/.
- Johnson, G.D., M.D. Strickland, J.P. Buyok, C.E. Derby, and D.P. Young. 1999. Quantifying Impacts to Riparian Wetlands Associated with Reduced Flows Along the Greybull River, Wyoming. *Wetlands*, Vol. 19, No. 1. March.
- Jones, C.A., R.D. Beane, and E.A. Dickerson. 2003. Habitat Use by Birds and Mammals along the Urban South Platte River in Denver, Colorado. Occasional Papers. Museum of Texas Tech University. Number 221. May 19.
- Jones, M.S., L.J. Livo, and A. Holland. 2001. Boreal Toad Research Progress Report 2000. Colorado Division of Wildlife. Available at http://wildlife.state.co.us/SiteCollectionDocuments/DOW/Research/Aquatic/pdf/BorealToadResearchProgressReport2000.pdf.
- Jones, S.R. 2003. Owls of Boulder County. Boulder County Nature Association, Boulder County, Colorado.
- Jonsson, B. and N. Jonsson. 2009. A Review of the Likely Effects of Climate Change on Anadromous Atlantic Salmon *Salmo salar* and Brown Trout *Salmo trutta*, with Particular Reference to Water Temperature and Flow. *Journal of Fish Biology* 75:2381-2447.
- Kappesser, Gary B. 2002. A Riffle Stability Index to Evaluate Sediment Loading to Streams. *Journal of the American Water Resources Association*, Vol. 38, No. 4, pp. 1069-1081. August.
- Katzenberger, J. and M. Mason. No Date (n.d.). Appendix 3.5.1, Climate Change Influence on Water Temperature, Stream Flow, and Trout. Accessed at: http://www.roaringfork.org/pub/collaborative/Appendix_3.5.1_Climate_Change_Influence_on_Water_Temperature,_Stream_Flow,_and_Trout.pdf.
- Kauwe, S.W., D.K. Shiozawa, and R.P. Evans. 2004. Phylogeographic and Nested Clade Analysis of Stonefly *Pteronarcys californica* (Plecoptera: Pteronarcyidae) in the Western USA. *Journal of North American Benthological Society* 23:824-838.
- Kaya, C.M. 1978. Thermal Resistance of Rainbow Trout from a Permanently Heated Stream, and of Two Hatchery Strains. *The Progressive Fish-Culturist* 40:138-142.
- Keefer, M. L., C.A. Peery, and B. High. 2009. Behavioral Thermoregulation and Associated Mortality Trade-Offs in Migrating Adult Steelhead (*Oncorhynchus mykiss*): Variability Among Sympatric Populations. *Canadian Journal of Fisheries and Aquatic Sciences* 66:1734-1747.

- Keinath, D. and M. McGee. 2005. Boreal Toad (*Bufo boreas boreas*): A Technical Conservation Assessment. U.S. Department of Agriculture, Forest Service, Rocky Mountain Region. May 25. Accessed at: http://www.fs.fed.us/r2/projects/scp/assessments/borealtoad.pdf. October 4, 2006.
- Kennedy, B.M., D.P. Peterson, and K.D. Fausch. 2003. Different Life Histories of Brook Trout Populations Invading Mid-Elevation and High-Elevation Cutthroat Trout Stream in Colorado. *Western North American Naturalist* 63:215-223.
- Kerans, B.L., M.F. Dybdahl, M.M. Gangloff, and J.E. Jannot. 2005. *Potamopyrgus antipodarum*: Distribution, Density, and Effects on Native Macroinvertebrate Assemblages in the Greater Yellowstone Ecosystem. *Journal of the North American Benthological Society* 24:123-138.
- Kilroy, C., S.T. Larned, and B.J.F. Biggs. 2009. The Non-Indigenous Diatom Didymosphenia geminata Alters Benthic Communities in New Zealand Rivers. Freshwater Biology 54:1990-2002.
- Kingery, H. 1998. Colorado Breeding Bird Atlas. Edited by Hugh Kingery. Colorado Bird Atlas Partnership and Colorado Division of Wildlife, Denver, Colorado.
- Kirkham, R.M. and W.P. Rogers. 1981. Earthquake Potential In Colorado. Colorado Geological Survey Bulletin 43. Department of Natural Resources, Denver, Colorado.
- Kirkwood, A.E., T. Shea, L.J. Jackson, and E. McCauley. 2007. *Didymosphenia geminata* in Two Alberta Headwater Rivers: An Emerging Invasive Species that Challenges Conventional Views on Algal Bloom Development. *Canadian Journal of Fisheries and Aquatic Sciences* 64:1703-1709.
- Kishel, J. 2006. Personal Communication between Jeff Kishel, MWH, and Ed Harvey and Susan Walker, Harvey Economics. May 17.
- Kitchell, J.F., D.J. Stewart, and D. Weininger. 1977. Applications of a Bioenergetics Model to Yellow Perch (*Perca flavescens*) and Walleye (*Stizostedium vitreum vitreum*). *Journal of the Fisheries Research Board of Canada* 34:1922-1935.
- Kocan, R., P. Hershberger, G. Sanders, and J. Winton. 2009. Effects of Temperature on Disease Progression and Swimming Stamina in *Ichthyophonus*-Infected Rainbow Trout *Oncorhynchus mykiss* Walbaum. *Journal of Fish Diseases* 32:835-843.
- Koch, N. and C.A. Hoelscher. 2006. Letter to Chandler Peter of the U.S. Army Corps of Engineers, regarding cumulative effects for the proposed expansion of Halligan and Seaman Reservoirs. October 25.
- KODI. 2005. Personal Communication between Christian Campton, KODI, and Chad Schneckenburger, EDAW. September 1.
- Kohler, J. 2006. Personal Communication between John Kohler, District Wildlife Officer for the Colorado Division of Wildlife, and Chad Schneckenburger, EDAW. July 11.
- Kondolf, G.M. and P.R. Wilcock. 1996. 'The Flushing Flow Problem: Defining and Evaluating Objectives,' *Water Resources Research*, 32, 2589–2599.

- Kondolf, G.M., G.F. Cada, and M.J. Sale. 1987. Assessing Flushing Flow Requirements for Brown Trout Spawning Gravels in Steep Streams. *Water Resources Bulletin* 23:927-935.
- Kondratieff, B.C. and R.W. Baumann (coordinators). 2000. Stoneflies of the United States. Northern Prairie Wildlife Research Center Online, Jamestown, North Dakota. http://www.npwrc.usgs.gov. (Accessed in 2011.)
- Krysel, C., E. Boyer, C. Parson, and P. Welle. 2003. Lakeshore Property Values and Water Quality: Evidence from Property Sales in the Mississippi Headwaters Region. Mississippi Headwaters Board and Bemidji State University.
- Kumar, S., S.A. Spaulding, T.J. Stohlgren, K.A. Hermann, T.S. Schmidt, and L.L. Bahls. 2009. Potential Habitat Distribution for the Freshwater Diatom *Didymosphenia geminata* in the Continental U.S. *Frontiers in Ecology and the Environment* 7, doi: 10.1890/080054. The Ecological Society of America. www.frontiersinecology.org.
- Land Stewardship Associates, LLC. 2008. Supplement to Gross Reservoir Tree Removal Plan for Pool Enlargement. October.
- Larkin, K. 2011. Personal Communication between Kelly Larkin, Southwest Zone Fisheries Biologist, Arapaho-Roosevelt National Forests, and Meg Frantz, AECOM. January 5.
- Larned, S., B. Biggs, N. Blair, C. Burns, B. Jarvie, D. Jellyman, C. Kilroy, J. Leathwick,
 K. Lister, J. Nagles, M. Schallenberg, S. Sutherland, J. Sykes, W. Thompson,
 K. Vopel, and B. Wilcock. 2006. Ecology of *Didymosphenia geminata* in New
 Zealand: Habitat and Ecosystem Effects Phase 2. NIWA Project MAF06507.
- Latterell, J.J., K.D. Fausch, C. Gowan, and S.C. Riley. 1998. Relationship of Trout Recruitment to Snowmelt Runoff and Adult Trout Abundance in Six Colorado Mountain Streams. *Rivers* 6:240-250.
- Lee, J.S., and J.D. Ackerman. 2000. Freshwater Mollusks in British Columbia: Three Examples of "Risk." Pp. 67-73. In: L.M. Darling (ed). *Proceedings of a Conference on the Biology and Management of Species and Habitats at Risk*, Vol. 1. February 15-19, 1999. B.C. Ministry of Environment, Lands and Parks, Victoria, B.C. and University College of the Cariboo, Kamloops, B.C. 490 pp.
- Len, Dan. 2011. Personal Communication between Dan Len, United States Forest Service (USFS) Boulder Ranger District, and Andrea Parker, URS Corporation. April.
- Lepak, J.M. 2013. Personal Communication between J.M. Lepak, Aquatic Research Scientist, Colorado Parks and Wildlife, and Jean Marie Boyer, Principal, Hydros Consulting Inc., regarding Methylmercury research in reservoirs. October 25.
- Lepak, J.M., M.B. Hooten, and B.M. Johnson. 2012. The Influence of External Subsidies on Diet, Growth, and Hg Concentrations of Freshwater Sport Fish: Implications for Management and Fish Consumption Advisories. *Ecotoxicology* 21:1878-1888.
- Lessard, J.L. and D.B. Hayes. 2003. Effects of Elevated Water Temperature on Fish and Macroinvertebrate Communities Below Small Dams. *River Research and Applications* 19:721-732.

- Lewis, William M., Jr. 2008. Green Mountain Reservoir and Lake Dillon Monitoring Project, 2007 Annual Report.
- Lewis, W.M., Jr., J.F. Saunders, D.W. Crumpacker, and C. Brendecke. 1983. Clean Lake Study of Dillon Reservoir in Summit County, Colorado: Silverthorne, Colorado, Northwest Colorado Council of Governments.
- _____. 1984. Eutrophication and Land Use, Lake Dillon, Colorado. Ecological Studies 46. Springer-Verlag, New York, New York.
- Linkhart, B.D., R.T. Reynolds, and R.A. Ryder. 1998. Home Range and Habitat of Breeding Flammulated Owls in Colorado. *Wilson Bulletin* 110:342-351.
- Litton, R.B. 1984. Visual Fluctuations in River Landscape Quality in *1984 Recreation Symposium Proceeding*. Louisiana State University, Baton Rouge, Louisiana.
- Lowe, K.S., M.B. Tucholke, J.M.B. Tomaras, K. Conn, C. Hoppe, J.E. Drewes, J.E. McCray, J. Munakata-Marr. 2009. Final Report, Influent Constituent Characteristics of the Modern Waste Stream from Single Sources. Colorado School of Mines, Environmental Science and Engineering Division, Golden, Colorado. Water Environment Research Foundation (WERF). Co-published by IWA Publishing.
- Lytle, D.A. 2000. Biotic and Abiotic Effects of Flash Flooding in a Montane Desert Stream. *Archiv für Hydrobiologie* 150:85-100.
- Lytle, D.A. and N.L. Poff. 2004. Adaptation to Natural Flow Regimes. *Trends in Ecology and Evolution* 19(2):94-100.
- Lytle, David A. and David M. Merritt. 2004. Hydrologic Regimes and Riparian Forests: A Structured Population Model of Cottonwood. *Ecology* 85(9):2493-2503.
- MacCrimmon, H.R. and J.S. Campbell. 1969. World Distribution of Brook Trout, Salvelinus fontinalis. Journal of the Fisheries Research Board of Canada 26:1699-1725.
- MacDonald, Lee H. and John D. Stednick. 2003. Forests and Water: A State-of-the Art Review for Colorado. Colorado Water Resources Research Institute (CWRRI) Completion Report No. 296. Sponsored by Colorado River Water Conservation District, Water Resources Research Institute, Denver Water, and Northern Colorado Water Conservance District. 65 pp.
- Mad Adventures. 2005. Personal Communication between Two River Guides (Names Withheld) and Chad Schneckenburger, EDAW. August 30.
- Mailman, M., L. Stepnuk, N. Cicek, and R.A. Bodaly. 2006. Strategies to Lower Methyl Mercury Concentrations in Hydroelectric Reservoirs and Lakes: A Review. *Science of the Total Environment* 368:224-235.
- Markiw, M.E. and K. Wolf. 1983. *Myxosoma cerebralis (Myxozoa: Myxosporea)*Etiologic Agent of Salmonid Whirling Disease Requires Tubificid Worm (Annelida: Oligochaeta) in its Life Cycle. *Journal of Protozoology* 37:2225-2227.

- Martel, A.L., D.A. Pathy, J.B. Madill, C.B. Renaud, S.L. Dean, and S.J. Kerr. 2001. Decline and Regional Extirpation of Freshwater Mussels (*Unionidae*) in a Small River System Invaded by *Dreissena polymorpha*: The Rideau River, 1993-2000. *Canadian Journal of Zoology* 79:2182-2191.
- Mast, M.A. and D.P. Krabbenhoft. 2010. Comparison of Mercury in Water, Bottom Sediment, and Zooplankton in Two Front Range Reservoirs in Colorado, 2008-2009. U.S. Geological Survey Scientific Investigations Report 2010-5037.
- Mathews, R. and B.D. Richter. 2007. Application of the Indicators of Hydrologic Alteration Software in Environmental Flow Setting. *Journal of the American Water Resources Association* 43(6):1400-1413.
- McCallum, D. Archibald. 1994. Review of Technical Knowledge: Flammulated Owls in Flammulated, Boreal and Great Gray Owls in the United States: A Technical Conservation Assessment. USDA Forest Service General Technical Report RM-253, pp. 14-46.
- McCarthy, J.M. 2008. Factors Influencing Ecological Recovery Downstream of Diversion Dams in Southern Rocky Mountain Streams. Masters Thesis, Colorado State University, Fort Collins, Colorado.
- McKinney, D. 2001. Guide to Colorado State Wildlife Areas. Westcliffe Publishers, Inc., Englewood, Colorado.
- Meisner, J.D., J.S. Rosenfeld, and H.A. Regier. 1988. The Role of Groundwater in the Impact of Climate Warming on Stream Salmonines. *Fisheries* 13(3):2-8.
- Merritt, D.M., H.L. Bateman, and C.D. Peltz. 2010. Instream Flow Requirements for Maintenance of Wildlife Habitat and Riparian Vegetation: Cherry Creek, Tonto National Forest, Arizona. Submitted to Arizona Department of Natural Resources.
- Merritt, D.M., M.L. Scott, N.L. Poff, G.T. Auble, and D.A. Lytle. 2009. Theory, Methods and Tools for Determining Environmental Flows for Riparian Vegetation: Riparian Vegetation-Flow Response Guilds. *Freshwater Biology* 55, 206-225.
- Merritt, R.W., K.W. Cummins, and J.M. Berg. 2008. *An Introduction to the Aquatic Insects of North America*. 4th Edition. Kendall/Hunt, Dubuque, Iowa.
- Metcalf, J.L., V.L. Pritchard, S.M. Silvestri, J.B. Jenkins, J.S. Wood, D.E. Cowley, R.P. Evans, D.K. Shiozawa, and A.P. Martin. 2007. Across the Great Divide: Genetic Forensics Reveals Misidentification of Endangered Cutthroat Trout Populations. *Molecular Ecology* 16:4445-4454.
- Metcalf, J.L., S.L. Stowell, C.M. Kennedy, K.B. Rogers, D. McDonald, J. Epp, K. Keepers, A. Cooper, J.J. Austin, and A.P. Martin. 2012. Historical Stocking Data and 19th Century DNA Reveal Human-induced Changes to Native Diversity and Distribution of Cutthroat Trout. *Molecular Ecology* 21:5194-5207.
- Meyer, J.L., D.L. Strayer, J.B. Wallace, S.L. Eggert, G.S. Helfman, and N.E. Leonard. 2007. The Contribution of Headwater Streams to Biodiversity in River Networks. *Journal of the American Water Resources Association* 43:86-103.

- Michael, H., K. Boyle, and R. Bouchard. 1996. Water Quality Affects Property Prices: A Case Study of Selected Maine Lakes. Maine Agricultural and Forest Experiment Station. University of Maine, Orono, Maine.
- Milhous, R.T. 1998. Modeling of Instream Flow Needs: The Link Between Sediment and Aquatic Habitat. *Regulated Rivers: Research and Management* 14:79-94.
- ______. 2007. Application of Physical Habitat Simulation in the Evaluation of Physical Habitat Suitability. Pp. 877-888. In: S.E. Church, P. Von Guerard, and S.E. Finger (eds). *Integrated Investigations of Environmental Effects of Historical Mining in the Animas River Watershed, San Juan County, Colorado*. U.S. Geological Survey Professional Paper 1651. U.S. Geological Survey, Reston, Virginia.
- Miller Ecological Consultants, Inc. 1997. Final Report. Gross Reservoir Hydroelectric Project, Aquatic Resources, Boulder County, Colorado. Prepared for Denver Water, Denver, Colorado.
- Miller, M.P., D.M. McKnight, J.D. Cullis, A. Greene, K. Vietti, and D. Liptzin. 2009. Factors Controlling Streambed Coverage of *Didymosphenia geminata* in Two Regulated Streams in the Colorado Front Range. *Hydrobiologia* 630:207-218.
- MoHenry's Trout Shop. 2005. Personal Communication with the Owners of MoHenry's Trout Shop (Names Withheld), and Chad Schneckenburger, EDAW. August 31.
- _____. 2007. Personal Communication with Employees of MoHenry's Trout Shop (Names Withheld), and Chad Schneckenburger and Molly Cobbs, EDAW. June 29.
- Molles, M.C., Jr. 1985. Recovery of a Stream Invertebrate Community from a Flash Flood in Tesuque Creek, New Mexico. *The Southwestern Naturalist* 30:279-287.
- Montgomery, D.R. and J.M. Buffington. 1997. Channel Reach Morphology in Mountain Drainage Basins. *GSA Bulletin* 109:596-611.
- Mullner, S.A. and W.A. Hubert. 2005. Low Summer Water Temperatures Influence Occurrence of Naturalized Salmonids Across a Mountain Watershed. *North American Journal of Fisheries Management* 25:1034-1040.
- MWH Americas, Inc. (MWH). 2005. Technical Memoranda. Final Draft Alternative Descriptions for the Moffat Collection System Project EIS. August.
- _____. 2006. Technical Memorandum, Opinion of Probable Cost, including *Alts* spreadsheet backup 101606.xls and *DW Alts spreadsheet rev.2 092806.xls*. September 29.
- _____. 2007. Advanced Water Treatment Associated with the Moffat Collection System EIS Alternatives. Prepared for Denver Water. July 24.
- Myrick, C.A. and J.J. Cech, Jr. 2000. Temperature Influences on California Rainbow Trout Physiological Performance. *Fish Physiology and Biochemistry* 22:245-254.
- Naiman, R.J., H. Decamps, and M.E. McClain. 2005. Riparia: Ecology, Conservation, and Management of Streamside Communities.

- Nash, L.L. and P.H. Gleick. 1993. The Colorado River Basin and Climate Change: The Sensitivity to Variations in Temperature and Precipitation. Prepared for the USEPA, Office of Policy, Planning, and Evaluation, Climate Change Division. EPA 230-R-93-009.
- National Oceanic and Atmospheric Administration (NOAA). 1998. Climatic Wind Data for the United States. Accessed at: http://www.ncdc.noaa.gov/oa/mpp/wind1996.pdf. October 4, 2010.
- National Park Service (NPS). 2005. Air Interpolation Map for Haze. Accessed at: http://science.nature.nps.gov/AirAtlas/AirAtlas0105/viewer.htm on October 19, 2006.
- _____. 2006. Air Data. Accessed at: http://www2.nature.nps.gov/air/maps/classILoc.cfm on October 19.
- National Research Council of the National Academies. 2007. Colorado River Basin Water Management: Evaluating and Adjusting to Hydroclimatic Variability. Committee on the Scientific Bases of Colorado River Basin Water Management, Water Science and Technology Board, Division on Earth and Life Studies. The National Academies Press, Washington, D.C.
- Natural Diversity Information Source (NDIS). 2006. Database and online mapping for Colorado Wildlife Species. Accessed at: http://ndis.nrel.colostate.edu.
 2007. Database and On-line Mapping for Colorado Wildlife Species. Accessed at: http://ndis.nrel.colostate.edu in 2007.
 2011. Database and Online Mapping for Colorado Wildlife Species. Accessed at: http://ndis.nrel.colostate.edu on February 3.
 Natural Resources Conservation Service (NRCS). 1974. Soil Survey of Adams County, Colorado. Accessed at: http://soils.usda.gov/survey/printed_surveys/.
 1975. Soil Survey of Boulder County Area, Colorado. Accessed at: http://soils.usda.gov/survey/printed_surveys/.
 1980. Soil Survey of the Golden Area. Colorado: Parts of Denver, Douglas, Jefferson and Park Counties. Accessed at: http://soils.usda.gov/survey/printed_surveys/.
- _____. 1980. Soil Survey of the Golden Area. Colorado: Parts of Denver, Douglas, Jefferson, and Park Counties. Accessed at: http://soils.usda.gov/survey/printed_surveys/.
- _____. 2003. Colorado Vegetation Classification Project White Paper. Accessed at: http://ndis/nrel.colostate.edu/coveg/cvcp_whtppr.htm.
- _____. 2004. Soil Survey Geographic (SSURGO) database for Golden Area, Colorado, Parts of Denver, Douglas, Jefferson, and Park Counties. Accessed at: http://SoilDataMart.nrcs.usda.gov in 2004.
- _____. 2005a. Soil Survey Geographic (SSURGO) database for Boulder County Area, Colorado. Accessed at: http://SoilDataMart.nrcs.usda.gov in 2005.
- _____. 2005b. Soil Survey Geographic (SSURGO) database for Adams County Area, Parts of Adams and Denver Counties, Colorado. Accessed at: http://SoilDataMart.nrcs.usda.gov in 2005.

- Nebraska Game and Parks Commission (NGPC). 2006. Least Tern, Nebraska Wildlife Species. Accessed at: http://www.ngpc.state.ne.us/wildlife/ltern.asp. October 4.
- Nehring, R.B. 2006. Colorado's Cold Water Fisheries: Whirling Disease Case Histories and Insights for Risk Management. Colorado Division of Wildlife Special Report 79. 46 pages.
- _____. 2010. Whirling Disease Investigations. Colorado Department of Natural Resources, Division of Wildlife. Federal Aid Project F 237R 17, Fort Collins, Colorado.
- Nehring, R.B. and K.G. Thompson. 2001. Impact Assessment of Some Physical and Biological Factors in the Whirling Disease Epizootic Among Wild Trout in Colorado. Colorado Division of Wildlife Special Report Number 76. Fort Collins, Colorado.
- Nehring, R.B. and R.M. Anderson. 1993. Determination of Population-Limiting Critical Salmonid Habitats in Colorado Streams Using the Physical Habitat Simulation System. *Rivers* 4:1-19.
- Nehring, R.B., B. Heinhold, and J. Pomeranz. 2011. Colorado River Aquatic Resources Investigations Federal Aid Project F-237R-18. Colorado Division of Wildlife, Fort Collins, Colorado. 101 pages.
- Nehring, R.B., K. Thompson, J. Padia, and B. Neuschwanger. 2000. Whirling Disease Investigations. Colorado Division of Wildlife, Federal Aid in Fish and Wildlife Restoration, Project F-237-R7, Fort Collins, Colorado.
- Nehring, R.B., K.G. Thompson, D. Chacon, J. Padia, and A. Nikirk. 2001. Whirling Disease Investigations. Federal Aid Project F-237-R8. Colorado Division of Wildlife, Fort Collins, Colorado.
- Nehring, R.B., K.G. Thompson, D.L. Schuler, and T.M. James. 2003. Using Sediment Core Samples to Examine the Spatial Distribution of *Myxobolus cerebralis* Actinospore Production in Windy Gap Reservoir, Colorado. *North American Journal of Fisheries Management* 23:376-384.
- Nehring, R.B., K.G. Thompson, K.A. Taubman, and D.L. Shuler. 2002. Laboratory Studies Indicating that Living Brown Trout *Salmo trutta* Expel Viable *Myxobolus cerebralis* Myxospores. *American Fisheries Society Symposium* 29:125-134.
- Nelson, R.W., J.R. Dwyer, and W.E. Greenberg. 1987. Regulated Flushing in a Gravel-Bed River for Channel Habitat Maintenance: A Trinity River Fisheries Case Study. *Environmental Management* 11(4):479-493.
- Nesler, T.P. 1997. Native and Introduced Fish Species by Major River Basins in Colorado. Colorado Division of Wildlife, Nongame & Endangered Aquatic Wildlife Program.
- Never Summer Outdoor Products. 2005. Personal Communication between Sales Associate (Name Withheld) of Never Summer Outdoor Products, and Chad Schneckenburger, EDAW. August 30.

- New Mexico Environment Department (NMED). 1999. Total Maximum Daily Load for Temperature on North Ponil Creek. Surface Water Quality Bureau, TMDL Development Section.
- _____. 2002. Total Maximum Daily Load (TMDL) for Temperature on the Middle Rio de Las Vacas. Surface Water Quality Bureau, TMDL Development Section.
- Nichols, P., M. Murphy, and D. Kenney. 2001. Summary Report: Water and Growth in Colorado, A Review of Legal and Policy Issues, and Most Frequently Asked Questions About Water in Growth in Colorado. Natural Resources Law Center, University of Colorado School of Law.
- Northern Colorado Water Conservancy District (NCWCD). 2006. Multi-Basin Water Supply Investigation. Executive Summary.
- _____. 2007. Colorado-Big Thompson Nutrient Project. Phase 1 Report. December.
- Northern Prairie Wildlife Research Center (NPWRC). 2006. Platte River Ecosystem Resources and Management, with Emphasis on the Big Bend Reach in Nebraska. Appendix G: Resource Inventory of Platte, South Platte, and North Platte River Habitats. U.S. Geological Survey, dated August 3. Accessed at: http://www.npwrc.usgs.gov/resource/habitat/plrivmgt/appendg.htm on October 4.
- Northwest Colorado-Council of Governments (NWCCOG). 2002. Updated Regional Water Quality Management Plan (208 Plan).
- Novinger, D.C. and F.J. Rahel. 2003. Isolation Management with Artificial Barriers as a Conservation Strategy for Cutthroat Trout in Headwater Streams. *Conservation Biology* 17(3):772-781.
- O'Neill, M.P. and M.R. Kuhns. 1994. Stream Bank Erosion and Flushing Flows. *Stream Notes*. Streams Systems Technology Center, USDA Forest Service, Rocky Mountain Station, Fort Collins, Colorado. July.
- Pickhardt, P.C., C.L. Folt, C.Y. Chen, B. Klaue, and J.D. Blum. 2002. Algal Blooms Reduce the Uptake of Toxic Methylmercury in Freshwater Food Webs. Department of Biological Sciences, Dartmouth College, Hanover, New Hampshire, and Department of Geological Sciences, University of Michigan, Ann Arbor, Michigan. From PNAS, Vol. 99, No. 7, 4419-4423. April 2.
- Pierce, M. 2010. Personal Communication between Maggie Pierce, EPA, and Mary Stahl, AECOM. November 8.
- Pierce, R., C. Podner, and M. Davidson. 2009. Correlation of Fluvial Rainbow Trout Spawning Life History with Severity of Infection by *Myxobolus cerebralis* in the Blackfoot River Basin, Montana. *Transactions of the American Fisheries Society* 138:251-263.
- Pineda, A., J. Gibbens, J. Scott, and P. Weiss. 2003. Northern Integrated Supply Project Technical Memorandum No. 6B: Model Baseline. November 11.
- Platts, W.S. and M.L. McHenry. 1988. Density and Biomass of Trout and Char in Western Streams. General Technical Report INT-241, U.S. Forest Service Intermountain Research Station, Ogden, Utah.

- Poff, N.L. 1992. Why Disturbances Can be Predictable: A Perspective on the Definition of Disturbance in Streams. *Journal of the North American Benthological Society* 11(1):86-92.
- Poff, N.L. and J.D. Allan. 1995. Functional Organization of Stream Fish Assemblages in Relation to Hydrological Variability. *Ecology* 76(2):606-627.
- Poff, N.L., B.D. Richter, A.H. Arthington, S.E. Bunn, R.J. Naiman, E. Kendy, M. Acreman, C. Apse, B.P. Bledsoe, M.C. Freeman, J. Henriksen, R.B. Jacobson, J.G. Kennen, D.M. Merritt, J.H. O'Keeffe, J.D. Olden, K. Rogers, R.E. Tharme, and A. Warner. 2010. Ecological Limits of Hydrologic Alteration (ELOHA): A New Framework for Developing Regional Environmental Flow Standards. *Freshwater Biology* 55:147-170.
- Poff, N.L., J.D. Allan, M.B. Bain, J.R. Karr, K.L. Prestegaard, B.D. Richter, R E. Sparks, and J.C. Stromberg. 1997. The Natural Flow Regime: A Paradigm for River Conservation and Restoration. *BioScience* 47(11):769-784.
- Poff, N.L., J.D. Olden, D.M. Merritt, and D.M. Pepin. 2007. Homogenization of Regional River Dynamics by Dams and Global Biodiversity Implications. *Proceedings of the National Academy of Sciences* 104(14):5732-5737.
- Poff, N.L., J.D. Olden, N.K.M. Vieira, D.S. Finn, M.P. Simons, and B.C. Kondratieff. 2006. Functional Trait Niches of North American Lotic Insects: Trait-based Ecological Application in Light of Phylogenetic Relationships. *Journal of the North American Benthological Society* 25:730-755.
- Poff, N.L. and J.K.H. Zimmerman. 2010. Ecological Responses to Altered Flow Regimes: A Literature Review to Inform the Science and Management of Environmental Flows. *Freshwater Biology* 55:194-205.
- Poff, N.L. and J.V. Ward. 1989. Implications of Streamflow Variability and Predictability for Lotic Community Structure: A Regional Analysis of Streamflow Patterns. *Canadian Journal of Fisheries and Aquatic Sciences* 46(10):1805-1818.
- Poole, G.C. and C.H. Berman. 2001. An Ecological Perspective on In-Stream Temperature: Natural Heat Dynamics and Mechanisms of Human-Caused Thermal Degradation. *Environmental Management*, Vol. 27, No. 6, pp. 787-802.
- Poole, J.C. 2002. Fluvial Landscape Ecology: Addressing Uniqueness within the River Discontinuum. *Freshwater Biology* 47:641-660.
- Popovich, Steven J. 2011. Personal Communication between Steve Popovich, Forest Botanist, Arapaho-Roosevelt National Forest and Pawnee National Grassland, and Jeff Dawson, URS Corporation. February 24.
- Quist, M.C., W.A. Hubert, and D.J. Isaak. 2004. Factors Affecting Allopatric and Sympatric Occurrence of Two Sculpin Species across a Rocky Mountain Watershed. *Copeia* 3:617-623.
- Quist, M.C., F.J. Rahel, and W.A. Hubert. 2005. Hierarchical Faunal Filters: An Approach to Assessing Effects of Habitat and Nonnative Species on Native Fishes. *Ecology of Freshwater Fish* 14(1):24-39.

- Rader, R.B. and T.A. Belish. 1999. Influence of Mild to Severe Flow Alterations on Invertebrates in Three Mountain Streams. *Regulated Rivers: Research & Management* 15:353-363.
- Rader, R.B., N.J. Voelz, and J.V. Ward. 2008. Post-Flood Recovery of a
 Macroinvertebrate Community in a Regulated River: Resilience of an
 Anthropogenically Altered Ecosystem. *Restoration Ecology* 16(1):24-33.
- Raleigh, R.F., L.D. Zuckerman, and P.C. Nelson. 1986. *Habitat Suitability Index Models and Instream Flow Suitability Curves: Brown Trout*. U.S. Department of the Interior, Fish and Wildlife Service, Washington. D.C. Biological Report 82(10.124).
- Raleigh, R.F., T. Hickman, R.C. Soloman, and P.C. Nelson. 1984. *Habitat Suitability Information: Rainbow Trout*. U.S. Department of the Interior, Fish and Wildlife Service, Washington, D.C. FWS/OBS-82/10.60.
- Raynolds, R.G. 2004. Stratigraphy and Water Levels in the Arapahoe Aquifer, Douglas, County Area, Denver Basin, Colorado, *The Mountain Geologist*, Vol. 41, No. 4, pp. 195-210.
- Reckhow, K.H. and S.C. Chapra. 1983. Engineering Approaches for Lake Management, Volume 1: Data Analysis and Empirical Modeling. Butterworth Publishers.
- Recreation Opportunity Spectrum (ROS). 2007. Recreation Opportunity Spectrum Class Definitions, Tongass National Forest website. Accessed at: http://www.fs.fed.us/r10/tongass/planning/ros.html on May 17.
- Rees, D.E. 2009. Summary Report: Benthic Macroinvertebrate Biomonitoring Program. Prepared for the Northern Colorado Water Conservancy District, Berthoud, Colorado. 86 pages.
- Reince-Schwartz J. and D. Wojcik. 2006. Personal Communication between Jean Reince-Schwartz and Don Wojcik, Jefferson County Open Space, and Susan Walker, Harvey Economics, on February 1. As transmitted to EDAW via memorandum on February 21.
- Resh, V.H., L.A. Bêche, and E.P. McElravy. 2005. How Common are Rare Taxa in Long-term Benthic Macroinvertebrate Surveys? *Journal of the North American Benthological Society* 24:976-989.
- Richter, B.D., J.V. Baumgartner, R. Wigington, and D.P. Braun. 1997. How Much Water Does a River Need? *Freshwater Biology* 37:231-249.
- Riebesell, J.F., T.L. Thrasher, A. Bazzi, and W.P. Kovalak. 2001. Habitat Characteristics of Rocky Mountain (Colorado) Populations of *Acrolaxus coloradensis*. *American Malacological Bulletin* 16:33-40.
- Riebsame, W.E. 1997. Western Land Use Trends and Policy: Implications for Water Resources. A Report to the Western Water Policy Review Advisory Commission.
- Robinson, C.T., S. Aebischer, and U. Uehlinger. 2004. Immediate and Habitat-Specific Responses of Macroinvertebrates to Sequential, Experimental Floods. *Journal of the North American Benthological Society* 23(4):853-867.

- Robinson, C.T., U. Uehlinger, and M.T. Monaghan. 2003. Effects of a Multi-year Experimental Flood Regime on Macroinvertebrates Downstream of a Reservoir. *Aquatic Sciences* 65:210-222.
- Robson, S.G. 1987. Bedrock Aquifers in the Denver Basin, Colorado-A Quantitative Water-Resources Appraisal, USGS Professional Paper 1257.
- Rocky Mountain Anglers. 2005. Personal Communication between Employee of Rocky Mountain Anglers (Name Withheld), and Chad Schneckenburger, EDAW. November 10.
- Rogers, K. 2001. Personal Communication with Kevin Rogers, Colorado Division of Wildlife (CDOW), and Don Conklin, GEI, Regarding Iron Creek.
- _____. 2010. Cutthroat Trout Taxonomy: Exploring the Heritage of Colorado's State Fish. Wild Trout X Symposium Conserving Wild Trout. 6 pages.
- _____. 2011a. Personal Communication with Kevin Rogers, Colorado Division of Wildlife (CDOW), and Don Conklin, GEI, Regarding McQueary Creek.
- _____. 2011b. Personal Communication with Kevin Rogers, Colorado Division of Wildlife (CDOW), and Don Conklin, GEI, regarding Bobtail Creek.
- Rogers, Kevin B. 2012. Characterizing Genetic Diversity in Colorado River Cutthroat Trout: Identifying Lineage GB Populations. Aquatic Research, Colorado Parks and Wildlife. Steamboat Springs, Colorado. December 10.
- Roghair, C.N., and C.A. Doloff. 2005. Brook Trout Movement During and After Recolonization of a Naturally Defaunated Stream Reach. *North American Journal of Fisheries Management* 25:777-784.
- Rosgen, D.L. 1994. A Classification of Natural Rivers. Catena 22:169-199.
- Rosgen, D.L. and L. Silvey. 1998. Field Guide for Stream Classification. Wildland Hydrology Books, Pagosa Springs, Colorado.
- Ryan, S.E. 1997. Morphologic Response of Subalpine Streams to Transbasin Flow Diversion, *Journal of the American Water Resources Association*. August.
- Ryan, S.E., L.S. Porth, and C.A. Troendle. 2002. Defining Phases of Bedload Transport Using Piecewise Regression, *Earth Surface Processes and Landforms* 27, 971-990, Wiley and Sons, Ltd.
- _____. 2005. Coarse Sediment Transport in Mountain Streams in Colorado and Wyoming, USA, *Earth Surface Processes and Landforms* 30, 269-288, Wiley and Sons, Ltd.
- Ryan, Sandra and Nel Caine. 1993. Effects of Flow Diversion on Downstream Channel Form in Mountain Streams. Colorado State University, Fort Collins, Colorado, Colorado Water Resources Research Institute, Completion Report No. 176.
- Satisfi Environmental Information. 2005a. Database of Hazardous Material Sites in the Gross Reservoir Area, Boulder, Colorado. December.
- _____. 2005b. Database of Hazardous Material Sites in the Leyden Reservoir Area, Boulder, Colorado. December.

- _____. 2006. Database of Hazardous Material Sites in the Challenger Pit Area, Brighton, Colorado. August.
- Schisler, G.J., K.A. Myklebust, and R.P. Hedrick. 2006. Inheritance of *Myxobolus* cerebralis Resistance Among F₁-Generation Crosses of Whirling Disease Resistant and Susceptible Rainbow Trout Strains. *Journal of Aquatic Animal Health* 18:109-115.
- Schisler, G.J., P.G. Walker, L.A. Chittun, and E.P. Bergersen. 1999. Gill Ectoparasites of Juvenile Rainbow Trout and Brown Trout in the Upper Colorado River. *Journal of Aquatic Animal Health* 11:170-174.
- Schmidt, L.J. and J.P. Potyondy. 2004. Quantifying Channel Maintenance Instream Flows: An Approach for Gravel-Bed Streams in the Western United States. RMRSGTR-128. USDA Forest Service, Rocky Mountain Research Station, Fort Collins, Colorado. 33 pages.
- Scott, M.L., G.C. Lines, and G.T. Auble. 2000. Channel Incision and Patterns of Cottonwood Stress and Mortality Along the Mojave River, California. *Journal of Arid Environments*, Vol. 44, No. 4, pp. 399-414. April.
- Scott, M.L., P.B. Shafroth, and G.T. Auble. 1999. Responses of Riparian Cottonwoods to Alluvial Water Table Declines. *Environmental Management*, Vol. 23, No. 3, pp. 347-358.
- Scott, W.B. and E.J. Crossman. 1973. *Freshwater Fishes of Canada*. Bulletin 184, Fisheries Research Board of Canada, Ottawa, Canada.
- Seegrist, D.W. and R. Gard. 1972. Effects of Floods on Trout in Sagehen Creek, *California. Transactions of the American Fisheries Society*, 101:478-482.
- Selch, T.M., C.W. Hoagstrom, E.J. Weimer, J.P. Duehr, and S.R. Chipps. 2007. Influence of Fluctuating Water Levels on Mercury Concentrations in Adult Walleye. *Bulletin of Environmental Contamination and Toxicology* 79:36-40.
- Shafroth, P. and V. Beauchamp. 2006. Defining Ecosystem Flow Requirements for the Bill Williams River, Arizona. USGS Open File Report 2006-1314.
- Shapins Associates. 2002. Article 410. Plan to Protect Rare and Sensitive Plant Species. In Gross Reservoir Recreation Management Plan. 2002 draft. Gross Reservoir Hydroelectric Project. FERC Project No. 2035-006.
- Shenk, T.M. 2009. 2008-2009 Lynx Research Report. Colorado Division of Wildlife. Available at: http://wildlife.state.co.us/Research/Mammal/Lynx.
- Sherman, S. 2007. Personal Communication between Steve Sherman, Colorado Department of Transportation, and Andrea Parker, URS Corporation. November 13.

- Sidle, J.G. and C.A. Faanes. 1997. Platte River Ecosystem Resources and Management, with emphasis on the Big Bend Reach in Nebraska. U.S. Fish and Wildlife Service, Grand Island, Nebraska. Northern Prairie Wildlife Research Center. Accessed at: http://www.npwrc.usgs.gov/resource/habitat/plrivmgt/index.htm (Version 16JUL97) on October 4, 2006. Jamestown, North Dakota.
- Silvey, H.L. 1976. R2CROSS: A Sag-tape Method of Channel Cross-Section Measurement for Use with Instream Flow Determinations. U.S. Department of Agriculture, Forest Service, Region 2. Lakewood, Colorado.
- Simons and Associates. 1986. Channel Dynamics Existing Environment and Impact Analysis for the Systemwide/Site Specific Environmental Impact Statement. Volumes 1 and 2.
- Simons, D.B. and F. Sentürk. 1992. Sediment Transport Technology: Water and Sediment Dynamics. Water Resources Publications, Littleton, Colorado.
- Simons, R.K. and D.B. Simons. 1997. Flushing Flow Analysis Concepts. Pp. 1120-1125. In: M.A. Ports (ed). *Hydraulic Engineering: Proceedings of the 1989 National Conference on Hydraulic Engineering*. American Society of Civil Engineers, New York, New York.
- Siskind and Kopp. 1987. In: J. Hawkins, 2000. Impacts of Blasting on Domestic Water Wells, Workshop on Mountaintop Mining Effects on Groundwater May 9, 2000. Accessed at:

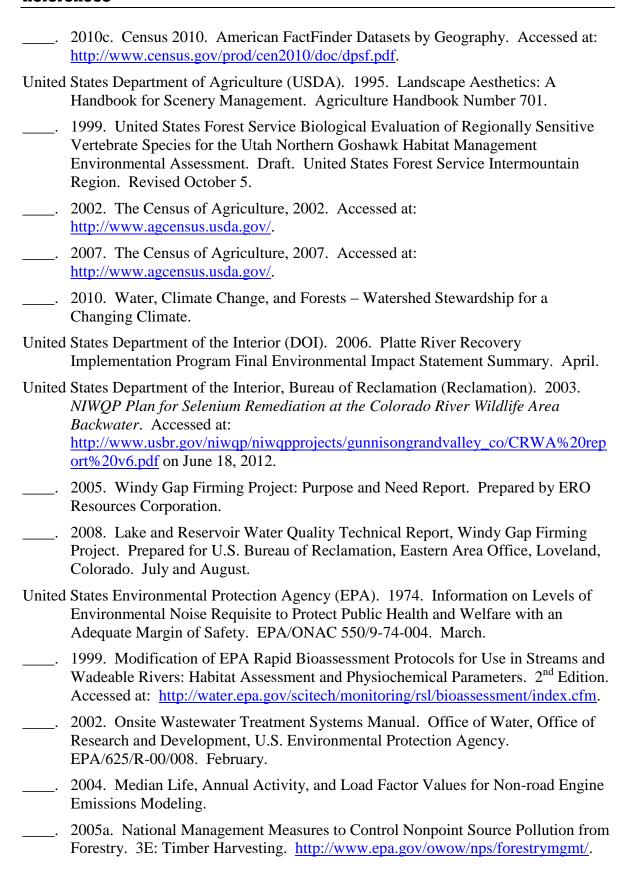
 http://www.arblast.osmre.gov/downloads/Water%20Wells/Hawkins%20Blasting%2
 http://www.arblast.osmre.gov/downloads/
 http://www.arblast.osmre.gov/dow
- Sorensen, J.A., L.W. Kallemyn, and M. Sydor. 2005. Relationship Between Mercury Accumulation in Young-of-the-Year Yellow Perch and Water Fluctuations. *Environmental Science and Technology* 39:9237-9243.
- Southwest Paddler. 2007. Accessed at: http://southwestpaddler.com.
- Spackman, S., B. Jennings, J. Coles, C. Dawson, M. Minton, A. Kratz, and C. Spurrier. 1997. Colorado Rare Plant Field Guide. Prepared for the Bureau of Land Management and the U.S. Forest Service, by the Colorado Natural Heritage Program.
- Spackman, S., D. Culver, and J. Sanderson. 2001. Park County Inventory of Critical Biological Resources. Colorado Natural Heritage Program, Colorado State University. Fort Collins, Colorado.
- Spaulding, S.A. and L. Elwell. 2007. Increase in Nuisance Blooms and Geographic Expansion of the Freshwater Diatom *Didymosphenia geminate*. Open-File Report 2007-1425 U.S. Geological Survey, Reston, Virginia. 38 pages.
- St. Louis, V.L., J.W.M. Rudd, C.A. Kelly, R.A. Bodaly, M.J. Patterson, K.G. Beaty, R.H. Hesslein, A. Hayes, and A.R. Majewski. 2004. The Rise and Fall of Mercury Methylation in an Experimental Reservoir. *Environmental Science and Technology* 38:1348-1358.

- Stables, T.B., G.L. Thomas, S.L. Thiesfeld, and G.B. Pauley. 1990. Effects of Reservoir Enlargement and Other Factors on the Yield of Wild Rainbow and Cutthroat Trout in Spada Lake, Washington. *North American Journal of Fisheries Management* 10:305-314.
- State of Colorado Wildlife Commission. 2008. State of Colorado Wildlife Commission, Policy Number D-6, Wild Trout and Gold Medal Trout Management. February 26.
- Stephens, D.B. and Associates. 2002. Comparative Study of Domestic Water Well Integrity to Coal Mine Blasting Summary Report. Prepared for Office of Surface Mining Reclamation and Enforcement, Pittsburgh, Pennsylvania, June 28, 2002. Accessed at:

 http://www.arblast.osmre.gov/downloads/Water%20Wells/Stephens%20-
 - http://www.arblast.osmre.gov/downloads/Water%20Wells/Stephens%20-%20Water%20Well%20Integrity.pdf on October 29, 2010.
- Stevens, M.R. and L.A. Sprague. 2001. Hydrology and Water-Quality Characteristics of Muddy Creek and Wolford Mountain Reservoir near Kremmling, Colorado, 1990 through 2001. United States Geological Survey. WRIR 63-4073.
- Stewardson, M.J. and C.J. Gippel. 2003. Incorporating Flow Variability into Environmental Flow Regimes Using the Flow Events Method. *River Research and Applications* 19:459-472.
- Stewart, K.W. and B.P. Stark. 1993. *Nymphs of North American stonefly genera* (*Plecoptera*). University of North Texas Press, Denton, Texas.
- Stine, S., D. Gaines, and P. Vorster. 1983. Destruction of Riparian Systems Due to Water Development in the Mono Lake Watershed.
- Stockton, K. 2011. *Methods to Assess, Control, and Manage Risks for Two Invasive Mollusks in Fish Hatcheries.* M.S. Thesis. University of Idaho, Moscow, Idaho.
- Stokstad, E. 2007. Feared Quagga Mussel Turns Up in Western United States. *Science* 315(5811):453.
- Strange, C.J. 2007. Facing the Brink without Crossing It. *Bioscience* 57(11):920-926.
- Strayer, D.L. 2009. Twenty Years of Zebra Mussels: Lessons from the Mollusk that Made Headlines. *Frontiers in Ecology and the Environment* 7:135-141.
- Stromberg, J.C., K.J. Bagstad, J.M. Leenhouts, S.J. Lite, and E. Makings. 2005. Effects of Stream Flow Intermittency on Riparian Vegetation of a Semiarid Region River (San Pedro River, Arizona). John Wiley and Sons.
- Summit County. 2002. Summit County Lower Blue Master Plan. Adopted March 7, 2002 by the Lower Blue Planning Commission.
- _____. 2009. Summit County Countywide Comprehensive Plan. Adopted October 5, 2009 by the Summit County Board of Commissioners. Accessed at: http://www.co.summit.co.us/index.aspx?NID=495.
- Swigle, B. 2008. Personal Communication between Ben Swigle, Colorado Division of Wildlife Area 2 Fisheries Biologist, and Chloe Tewksbury, URS Corporation. May 1.

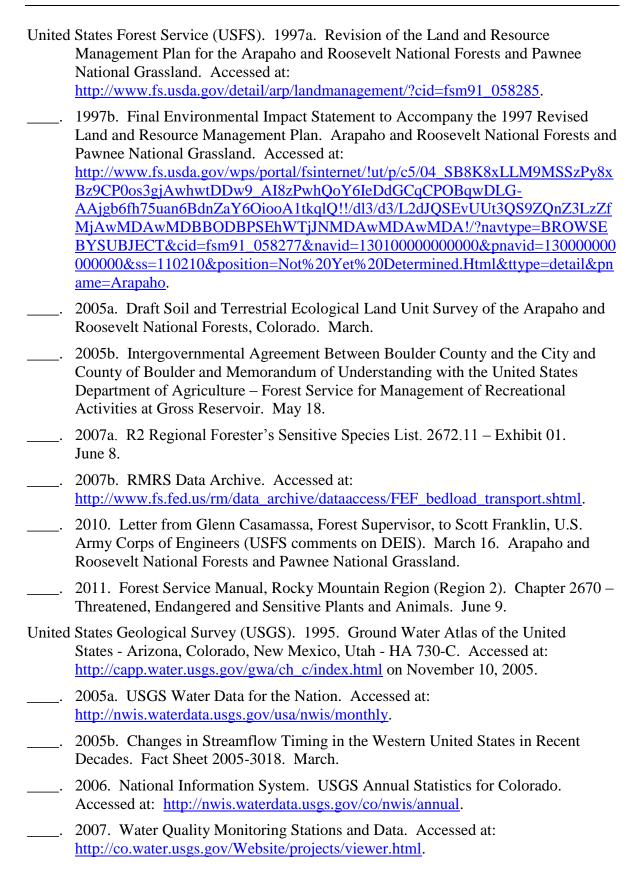
- Taylor, A. 2008. Personal Communication between Alan Taylor, Alan Taylor Consulting, and Jeff Bandy, Boyle Engineering. April 2.
- Taylor Young, M. 2000. Colorado Wildlife Viewing Guide. 2nd Edition. Falcon Publishing, Inc. Helena, Montana.
- Tetra Tech, Inc. (Tetra Tech). 2010. Wild and Scenic River Suitability Report, Bureau of Land Management Kremmling and Colorado River Valley Field Offices, Colorado, and U.S. Forest Service, White River National Forest. April.
- The Nature Conservancy (TNC). 2006. Indicators of Hydrologic Alteration Version 7 User's Manual.
- Thompson, H. 2005. WGFP EIS Hydrologic Data Needs for Reservoir Water Quality Modeling. Draft Memorandum to Mark DeHaven, ERO, and Jeff Drager, NCWCD, from Heather Thompson, Boyle Engineering. January 4.
- Thompson, K.G. and R.B. Nehring. 2000. A Simple Technique used to Filter and Quantify the Actinospore of *Myxobolus cerebralis* and Determine its Seasonal Abundance in the Colorado River. *Journal of Aquatic Animal Health* 12:316-323.
- Thompson, K.G., R.B. Nehring, D.C. Bowden, and T. Wygant. 1999. Field Exposure of Seven Species or Subspecies of Salmonids to *Myxobolus cerebralis* in the Colorado River, Middle Park, Colorado. *Journal of Aquatic Animal Health* 11:312-329.
- Thorvaldson, J. and J. Pritchett. 2007. Economic Impact Analysis of Reduced Irrigated Acreage in Four River Basins in Colorado. Department of Agricultural and Resource Economics, Colorado State University, Fort Collins, Colorado. Accessed at: http://dare.colostate.edu/pubs. June.
- Topper, R. 2004. Aquifers of the Denver Basin, Colorado, *The Mountain Geologist*, Vol. 41, No. 4, pp. 145-152.
- Town of Silverthorne. 2001. Silverthorne Comprehensive Plan (SCP).
- Townsend, G.D. and G. Pritchard. 1998. Larval growth and development of the stonefly *Pteronarcys californica* (Insecta: Plecotera) in the Crowsnest River, Alberta. *Canadian Journal of Zoology* 76:2274-2280.
- United States Army Corps of Engineers (Corps). 1998. Final Environmental Impact Statement: Metropolitan Denver Water Supply EIS. Vol. 1, p. 3-3. Omaha District.
 ______. 2003. Scoping Summary, Moffat Collection System Project. U.S. Army Corps of Engineers Omaha District. December.
 ______. 2004. Letter from Chandler Peter, Corps, to Denver Water Regarding the Purpose and Need Statement for the Moffat Collection System Project. May 28.
 ______. 2005. Project Management Plan. Cache la Poudre River General Investigation Study, Greeley, Colorado. November.
- _____. 2007a. Alternatives Screening Report, Moffat Collection System Project. U.S. Army Corps of Engineers Omaha District. August.

·	2007b. Rueter-Hess Reservoir Final Supplemental Environmental Impact Statement. U.S. Army Corps of Engineers Omaha District. November.
·	2008. Northern Integrated Supply Project Draft Environmental Impact Statement. April.
United	States Bureau of the Census (U.S. Census Bureau). 1990. American FactFinder Datasets by Geography, Census 1990. Accessed at: http://factfinder.census.gov .
·	2000. American FactFinder Datasets by Geography. Census 2000. Accessed at: http://factfinder.census.gov .
·	2002. Economic Census 2002. Accessed at: http://www.census.gov/econ/census02/ .
·	2004a. Economic Estimates Obtained from American Community Survey, 2004. Accessed at: http://www.census.gov .
·	2004b. Economic Estimates Obtained from American FactFinder, 2004. Accessed at: http://factfinder.census.gov .
·	2005a. Economic Estimates Obtained from American Community Survey, 2005. Accessed at: http://www.census.gov .
·	2005b. Economic Estimates Obtained from American FactFinder. Accessed at: http://factfinder.census.gov .
·	2005-2009a. Population, Demographic and Housing Unit Estimates Obtained from American Community Survey. Accessed at: http://www.census.gov .
·	2005-2009b. Population, Demographic and Housing Unit Estimates Obtained from American FactFinder. Accessed at: http://factfinder.census.gov .
·	2006. 2006 Population Estimates and Demographic Information Obtained from American Community Survey. Accessed at: http://www.census.gov and American FactFinder accessed at: http://factfinder.census.gov .
·	2007. Economic Census, 2007. Accessed at: http://www.census.gov/econ/census07/ .
·	2007-2009a. American Community Survey Population Demographic and Housing Unit Estimates Obtained from American Community Survey. Accessed at: http://www.census.gov .
·	2007-2009b. American Community Survey Population Demographic and Housing Unit Estimates Obtained from American FactFinder. Accessed at: http://factfinder.census.gov .
·	2009. County Business Patterns, 2009. Accessed at: http://censtats.census.gov/cgibin/cbpnaic/cbpsect.pl .
·	2010a. 2010 Population, Demographic and Housing Unit Estimates Obtained from American Community Survey. Accessed at: http://www.census.gov .
·	2010b. 2010 Population, Demographic and Housing Unit Estimates Obtained from American FactFinder. Accessed at: http://factfinder2.census.gov/.



·	2005b. Air Criteria. Accessed at: http://www.epa.gov/air/criteria.html on December 2, 2005, and October 19, 2006.
·	2007a. Water quality data. Accessed at: http://www.epa.gov/STORET/dw_home.html .
·	2007b. National Pollutant Discharge Elimination System (NPDES) permitted Wastewater Treatment Plant information. Accessed at: http://oaspub.epa.gov/enviro/ef_home2.water . Updated August 21, 2012.
	2007c. Drinking Water Supply Information. Accessed at: http://oaspub.epa.gov/enviro/sdw_form_v2.create_page?state_abbr=CO . Updated August 21, 2012.
	2008. Blue River Water Quality Information. Accessed at: http://oaspub.epa.gov/enviro/ef_om2.water .
·	2009. Safe Drinking Water Information System (SDWIS) Database. Accessed at: http://water.epa.gov/scitech/datait/databases/drink/sdwisfed/index.cfm . August. Updated March 6, 2012.
·	2010a. Enforcement and Compliance History Online (ECHO) Database. Accessed at: http://www.epa-echo.gov/cgi-bin/get1cReport.cgi?tool=echo&IDNumber=CO0023876 . 2010.
·	2010b. Enviromapper. Accessed at: http://www.epa.gov/emefdata/em4ef.home .
·	2010c. Storage and Retrieval (STORET) Data Warehouse. Accessed at: http://www.epa.gov/storet/ . 2010.
	2010d. <i>Contaminant Candidate List: Sodium in Drinking Water</i> . Accessed at: http://water.epa.gov/scitech/drinkingwater/dws/ccl/sodium.cfm . October. Updated March 6, 2012.
	2010e. AirData Selection Map. Accessed at: http://www.epa.gov/air/data/geosel.html . October 5. Updated March 14, 2012.
·	2010f. Green Book Nonattainment Areas for Criteria Pollutants. Accessed at: http://www.epa.gov/air/oaqps/greenbk/index.html . October 7. As of March 30, 2012.
·	2010g. Guidance for Implementing the January 2001 Methylmercury Water Quality Criterion. EPA 823-R-10-001. Office of Water. Washington D.C. Accessed at: http://water.epa.gov/scitech/swguidance/standards/criteria/aqlife/methylmercury/upload/mercury2010.pdf .
·	2012. Storage and Retrieval (STORET) Data Warehouse. Accessed at: http://www.epa.gov/storet/ . 2012.
United	States Fish and Wildlife Service (USFWS). 1995. Ute Ladies'-tresses Orchid (<i>Spiranthes diluvialis</i>) Recovery Plan. U.S. Fish and Wildlife Service, Denver, Colorado. 46 pp.
·	1996. 1996 National List of Vascular Plant Species that Occur in Wetlands. Accessed at: http://wetlands.fws.gov/bha.on.November 2, 2005

·	1998. <i>Greenback Cutthroat Trout Recovery Plan</i> . U.S. Fish and Wildlife Service, Denver, Colorado.
·	1999. Regional Policy on the Protection of Fens. U.S. Fish and Wildlife Service, Ecological Services, Region 6. Accessed at: http://www.fws.gov/mountain-prairie/es/fen/ .
·	2001. 12-Month Finding for a Petition To List the Plant <i>Botrychium lineare</i> (Slender Moonwort) as Threatened. <i>Federal Register</i> : June 6. Proposed Rules. Vol. 66, No. 109, pp. 30368-30372
·	2002a. Bonytail (<i>Gila elegans</i>) Recovery Goals: Amendment and Supplement to the Bonytail Chub Recovery Plan. U.S. Fish and Wildlife Service, Mountain-Prairie Region 6, Denver, Colorado.
·	2002b. Colorado Pikeminnow (<i>Ptychocheilus lucius</i>) Recovery Goals: Amendment and Supplement to the Colorado Squawfish Recovery Plan. U.S. Fish and Wildlife Service, Mountain-Prairie Region 6, Denver, Colorado.
·	2004a. National Wildlife Refuges: Rocky Mountain Arsenal and Two Ponds NWR. Accessed at: http://www.fws.gov/rockymountainarsenal/twoponds on November 2, 2005.
·	2004b. Endangered and Threatened Wildlife and Plants: Designation of Critical Habitat for <i>Gaura neomexicana</i> ssp. <i>coloradensis</i> (Colorado Butterfly Plant). <i>Federal Register</i> 69 (185):57250-57253. U.S. Fish and Wildlife Service, Denver, Colorado.
·	2005a. Notice of Availability of the Draft Revised Recovery Plan for the Whooping Crane (<i>Grus americana</i>). <i>Federal Register</i> 70 (7):1902-1903. Dated January 11. U.S. Fish and Wildlife Service, Denver, Colorado.
·	2005b. Critical Habitat Map for Mexican Spotted Owl. Accessed at: http://www.fws.gov/ifw2es/mso/critical_habitat/critical_habitat.htm on November 9.
·	2006. Letter from Susan Linner, U.S. Fish and Wildlife Service, to Chandler Peter, U.S. Army Corps of Engineers, Stating Concurrence with Preble's Meadow Jumping Mouse Surveys. September 14.
·	2007. Endangered and Threatened Wildlife and Plants; 12-Month Finding for a Petition to List the Colorado River Cutthroat Trout as Threatened or Endangered. <i>Federal Register</i> 72(113):23589-23605.
·	2008. Ute Ladies' Tresses Orchid and Colorado Butterfly Plant Block Clearance Zones, Denver Metropolitan Areas. Available at: http://www.fws.gov/mountain-prairie/species/plants/uteladiestress/ .
·	2012. Endangered, Threatened, Proposed and Candidate Species by County. Ecological Services, Colorado Field Office. February.



- 2009a. Water Quality Monitoring Stations and Data. Accessed at: http://co.water.usgs.gov/cf/bluecf/default.cfm in March. 2009b. Climate Change and Water Resources Management: A Federal Perspective. Circular 1331. U.S. Department of the Interior. 2009c. USGS Water Data for the Nation. Accessed at: http://waterdata.usgs.gov/nwis/sw in May. 2010a. Water Data for the Nation. National Water Information System. Accessed at: http://waterdata.usgs.gov/nwis/sw. 2010. 2010b. Data List. http://smig.usgs.gov/cgi-bin/SMIC/list_data?model=sstemp. Last modified February 27, 2008. 2011. Water Data Reports. Retrieved from http://wdr.water.usgs.gov/wy2010/search.jsp. Upper Colorado River Stakeholder Group. 2008. Conceptual Plan for a Wild and Scenic Management Alternative. Upper Colorado River Study (UPCO) Platte and Colorado Simulation Model (PACSM) Review Committee. 1999. Draft Memorandum on Completion of PACSM Verification Process. June 24. URS Greiner Woodward Clyde/URS Corporation (URS). 1999. Feasibility Study for Leyden Gulch Dam, Jefferson County, Colorado. 2006. Cultural Resources Survey of Gross Reservoir for the Moffat Collection System Project EIS, Boulder County, Colorado. 2007. Cultural Resources Survey of the Proposed Leyden Gulch Reservoir for the Moffat Collection System Project EIS, Jefferson County, Colorado. 2011. Survey for Rare and Sensitive Plant Species at Gross Reservoir, July-August 2010, Appendix B, Plant Species Observed in the Gross Reservoir Study Area. Prepared for U.S. Army Corps of Engineers, Denver Regulatory Office. Utah Department of Environmental Quality (UDEQ). 2010. Beaver River Watershed TMDL. Division of Water Quality, TMDL Section. Accessed at: http://www.waterquality.utah.gov/TMDL/Beaver Watershed TMDL.pdf. November 2010.
- Van der Leeden, F., F.L. Troise, and D.K. Todd. 1990. The Water Encyclopedia2nd Edition, Lewis Publishers.
- Van Horn, R. 1972. Geologic Map of the Golden Quadrangle, Colorado. USGS Misc. Geologic Investigation Map I-761-A, U.S. Government Printing Office, Washington, D.C. Accessed at: http://ngmdb.usgs.gov/ngmdb/ngmdb-home.html.
- Vannote, R.R., G.W. Minshall, K.W. Cummins, J.R. Sedell, and C.E. Cushing. 1980. The River Continuum Concept. *Canadian Journal of Fisheries and Aquatic Sciences* 37:130-137.

- Vidon, Phillippe G.F. and Alan R. Hill. 2004. Landscape Controls on the Hydrology of Stream Riparian Zones. *Journal of Hydrology* 292:201-228.
- Vincent, R.E. and W.H. Miller. 1969. Altitudinal Distribution of Brown Trout and Other Fishes in a Headwater Tributary of the South Platte River, Colorado. *Ecology* 50:464-466.
- Vinson, M.R. and M.A. Baker. 2008. Poor Growth of Rainbow Trout Fed New Zealand Mud Snails *Potamopyrgus antipodarum*. *North American Journal of Fisheries Management* 28:701-709.
- Vollenweider, R. 1975. Input-output Models with Special References to the Phosphorus Loading Concept in Limnology. *Schweiz. Z. Hydrol.* 37:53-62.
- Vollenweider, R.A. 1976. Advances in Defining Critical Loading Levels for Phosphorus in Lake Eutrophication. Mem. Ist. Ital. Idrobiol. 33:53-83.
- Wahlstrom, E.E., C.S. Robinson, and V.Q. Hornback. Geology of the Western Part of the Harold D. Roberts Tunnel, Colorado. 1981. USGS Professional Paper 831-C. Accessed at: http://pubs.er.usgs.gov/publication/pp831C.
- Walters, A.W. 2011. Resistance of Aquatic Insects to a Low-Flow Disturbance: Exploring a Trait-Based Approach. *Journal of the North American Benthological Society* 30:346-356.
- Ward, J.V. 1986. Altitudinal Zonation in a Rocky Mountain Stream. *Archiv für Hydrobiologie Supplement* 74:133-199.
- _____. 1989. The Four-Dimensional Nature of Lotic Ecosystems. *Journal of the North American Benthological Society* 8:2-8.
- ____. 1994. Ecology of Alpine Streams. Freshwater Biology 32:277-294.
- Ward, J.V., B.C. Kondratieff, and R.E. Zuellig. 2002. An Illustrated Guide to the Mountain Stream Insects of Colorado, 2nd Edition. University Press of Colorado, Boulder, Colorado.
- Ward, T. 1981. Completion Report Analysis of Aggradation and Degradation below Proposed Windy Gap Reservoir, Research Institute of Colorado, Fort Collins, Colorado.
- Ward, T. and J. Eckhardt. 1982. Aquatic Resources Management of the Colorado River Ecosystem, Chapter 7, Ann Arbor Science Publishers, Ann Arbor, Michigan.
- Warner, L.A. and C.S. Robinson. 1981. Geology of the Eastern Part of the Harold D. Roberts Tunnel, Colorado. USGS Professional Paper 831-D.
- Water Research Foundation. 2012. Joint Front Range Climate Change Vulnerability Study.
- Weber, T. 2006. Personal Communication between Tom Weber, State Soil Scientist, NRCS Colorado State Office, and Andrea Parker, URS Corporation. December 1, 2005 and January 4, 2006.

- Wehrly, K.E., L. Wang, and M. Mitro. 2007. Field-Based Estimates of Thermal Tolerance Limits for Trout: Incorporating Exposure Time and Temperature Fluctuation. *Transactions of the American Fisheries Society* 136:365-374.
- Wells, J.D. 1967. Geology of the Eldorado Springs Quadrangle, Boulder and Jefferson Counties, Colorado. USGS Bulletin 1221-D, U.S. Government Printing Office, Washington, D.C.
- Wesche, T.A. 1991. Flushing Flow Requirements of Mountain Stream Channels. Report prepared for Wyoming Water Research Center, University of Wyoming, Laramie, Wyoming and Wyoming Water Development Commission, Cheyenne, Wyoming. Final Report WWRC-91-18.
- Western Regional Climate Center (WRCC). 2010a. Climate Data. "Colorado Climate Summaries." Accessed at: http://www.wrcc.dri.edu/summary/climsmco.html. October 4.
- _____. 2010b. Ralston Reservoir, Colorado 056816 Period of Record Monthly Climate Summary. Accessed at: http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?corals. November 9.
- Western Regional Panel on Aquatic Nuisance Species (WRPANS). 2009. *Quagga-Zebra Mussel Action Plan for Western U.S. Waters*. Submitted to the Aquatic Nuisance Species Task Force.
- Western Water Assessment. 2008. Climate Change in Colorado: A Synthesis to Support Water Resources Management and Adaptation. A report for the Colorado Water Conservation Board.
- Western Water Policy Review Advisory Commission. 1998. *Water in the West*: The Challenge for the Next Century. Prepared by A.D. Tarlock.
- Whitaker, J. and Blair Benson. 2002. Standard Handbook of Audio and Radio Engineering. 2nd Edition. McGraw-Hill Professional.
- Whiting, P.J. 2002. Streamflow Necessary for Environmental Maintenance. *Annual Review of Earth & Planetary Sciences* 30:181-206.
- Whittaker, J. and Bo Shelby. 2002. Evaluating Instream Flows for Recreation: Applying the Structural Norm Approach to Biophysical Conditions, Leisure Sciences, 24:363-374.
- Wiener, J.G., D.P. Krabbenhoft, G.H. Heinz, and A.M. Scheuhammer. 2003. Ecotoxicology of Mercury. Pp. 409-463. In: D.J. Hoffman, B.A. Rattner, G.A. Burton, Jr., and J. Cairns, Jr. (eds). *Handbook of Ecotoxicology*, 2nd Edition. Lewis Publishers, Boca Raton, Florida.
- Wilcock, Peter, J. Pitlick, and Y. Cui. 2009. Sediment Transport Primer Estimating Bed-Material Transport in Gravel-bed Rivers. Rocky Mountain Research Station. General Technical Report RMRS-GTR-226. May.

- Williams, D.D. 1977. Movements of Benthos During the Recolonization of Temporary Streams. *Oikos* 29:306-312.
- _____. 2001. *The Ecology of Temporary Waters*. The Blackburn Press, Caldwell, New Jersey.
- Williams, D.D. and H.B.N. Hynes. 1976. The Recolonization Mechanisms of Stream Benthos. *Oikos* 27(2):265-272.
- Winter, Thomas C., J.W. Harvey, O. Lehn Franke, and W.M. Alley. 1998. Ground Water and Surface Water. A Single Resource. U.S. Geological Survey Circular 1139. Denver, Colorado.
- Wolfe, A.P., A.C. Van Gorp, and J.S. Baron. 2003. Recent Ecological and Biogeochemical Changes in Alpine Lakes of Rocky Mountain National Park (Colorado, USA): A Response to Anthropogenic Nitrogen Deposition. *Geobiology* 1:153-168.
- Wolman, M.G. 1954. A Method of Sampling Coarse River-Bed Material. *American Geophysical Union, Transactions* 35(6):951-956.
- Wolman, M.G. and J.P. Miller. 1960. Magnitude and Frequency of Forces in Geomorphic Processes. *Journal of Geology*, 68(1)54-74.
- Woodhouse, B. 2007. Climate Change Through the Eyes of Water Managers. *Southwest Hydrology*. Vol. 6, No. 1. January/February.
- Woodling. 1985. Colorado's Little Fish: A Guide to the Minnows and Other Lesser Known Fishes in the State of Colorado. Colorado Division of Wildlife, Denver, Colorado. June.
- World Health Organization (WHO). 2000. Community Noise. Edited by B. Bergland, T. Lindvall, D. Schwela, and K. Goh, Singapore. ISBN 9971-88-770-3.
- Wu, F-C. and Y-J Chou. 2004. Tradeoffs Associated with Sediment-Maintenance Flushing Flows: A Simulation Approach to Exploring Non-Inferior Options. *River Research and Applications* 20:591-604.
- Yevdjerick, V.M. and D.B. Simons. 1966/1967. Design Criteria for Channel Stabilization of the North Fork of the South Platte River.
- Young, M.K. 2008. *Colorado River Cutthroat Trout: A Technical Conservation Assessment*. U.S. Department of Agriculture, Forest Service, Rocky Mountain Region. 123 p. Available: http://www.fs.fed.us/rm/pubs/rmrs_gtr-207-www.pdf.
- Young, M.K., R.N. Schmal, T.W. Kohley, and V.G. Leonard. 1996. Conservation Status of Colorado River Cutthroat Trout. General Technical Report RM-GTR-282. U.S. Department of Agriculture, Forest Service, Fort Collins, Colorado.
- Zorn, T.G., P.W. Seelback, and M.J. Wiley. 2002. Distributions of Stream Fishes and Their Relationship to Stream Size and Hydrology in Michigan's Lower Peninsula. *Transactions of the American Fisheries Society* 131:70-85.

